



Addendum No. 1

Project: Hamilton County Bridge No. 35 (PB-14-0012)
W. 106th Street over Williams Creek

To: All Bidders and Planholders

For: Hamilton County Highway Department

Engineer: Lochmueller Group Inc.
3502 Woodview Trace, Suite 150
Indianapolis, IN 46268

Date: April 19, 2016

The following is an addition to and modification of the Contract Documents and Specifications for the subject project. This Addendum shall become part of the Contract Documents and Specifications. Only the items in this addendum shall be altered; the original Contract Documents and Specifications shall remain valid in their entirety. Bidders are, therefore, instructed to take the following into account in rendering any Bid for this work.

- Item No. 1 – Acknowledgement of Receipt of Addendum No. 1 (must be filled out, signed and submitted with bid package)
- Item No. 2 – Pre-Bid Meeting Minutes & Attendees List
- Item No. 3 – Revisions Special Provisions
 - SP 2 Road Closure
 - SP 3 Liquidated Damages
 - SP 12 Prior to Closing Roads to Traffic
 - SP 69 Notice to Proceed
- Item No. 4 – Utility Information
 - Approved Work Plan and Drawing with IPL
- Item No. 5 – Contract Questions
 - No Q&A to publish at this time
 - Deadline has been extended to 12 Noon on April 20, 2016.
- Item No. 6 – Revision to Plans Sheets (See Index Sheet for descriptions)
 - Plans Revision #1 to Sheet Nos. 14, 15, 18, 21, 23, and 26.
- Item No. 7 – Revised Itemized Proposal
 - Units were corrected to Pay Item Nos. 37 and 56.

Certified By:

Mark Riehle

Mark Riehle, PE
Lochmueller Group



ACKNOWLEDGMENT OF RECEIPT OF ADDENDUM NO. 1

HAMILTON COUNTY BRIDGE NO. 35
W. 106th STREET OVER WILLIAMS CREEK
HCHD #PB-14-0012

The Contractor acknowledges receipt of addendum no. 1, which is hereby made a part of this Construction Contract, as fully and effectually as if copied and set out herein in full length.

Contractor (Bidder)

Address

By:

(Signature)

Name:

(Printed)

Title:

(Printed)



Date: April 11, 2016

Project: Hamilton County Bridge #35 Rehabilitation (Project PB-14-0012)

Topic: Pre-Bid Meeting Minutes

Attendees: See Attached Sign-In Sheet

An optional pre-bid meeting was held on April 11, 2016 at the Hamilton County Highway Department. The following items were discussed:

- Introductions of the attendees
- Pertinent dates from the Notice to Bidders were read aloud. The deadline for questions is 9:00AM on April 18th. (Note: It was decided after the pre-bid meeting that the deadline for questions will be extended to April 20, 2016 at 12 noon)
- Contract documents must be obtained through Lochmueller Group, including the non-refundable \$75 charges, to be eligible to bid. Additional electronic file versions of the contract documents are available upon request.
- A summary of the scope of work for the bridge rehabilitation was described.
- Special Provisions are included that pertain to the anticipated notice to proceed, final date for the road closure, and final date of the contract. The road closure stipulation is due to the BMW Golf Championships at Crooked Stick Golf Club. (Note: These special provisions have been modified and differ from what was discussed in the pre-bid meeting. The modified special provisions are included in Addendum No. 1)
- Hamilton County will arrange for the road closure permission with the City of Carmel.
- An addendum will be issued that adds message boards at 106th Street in each direction before approaching the project area to alert drivers to the change in traffic patterns. These boards will need to be posted very soon after the contractor's NTP. (Note: Message boards will no longer be included in the contract or required due to the Road Closure date being changed)
- IPL/Brighthouse/AT&T have relocated their aerial facilities along the north R/W line.
 - The location of the new power poles will be made available to bidders (see utility work plan drawings included in Addendum No. 1).
 - The voltage of the power cables will be made available to bidders (see utility work plan included in Addendum No. 1).
- Citizens Energy Group will be relocating its watermain to be hung from the 106th Street bridge. SP67 has been included for the necessary coordination and scheduling. The utility's final plans will be made available to bidders in an addendum



- Permits have been secured from DNR (Construction in a Floodway), IDEM (401), and USACE (404 Nationwide).
- Tree clearing within the north R/W has already been completed.
- Coordination with the City of Carmel will be needed for their on-going 106th Street Multi-Use Path project (see SP66). This project is along the south side of the roadway. It is Federally funded and has INDOT oversight.
 - This project currently has 106th Street closed to through traffic between Ditch and Spring Mill Roads; although it is open to locals one-way in the westbound direction. The road will return to two-way operation when the bridge is closed, still restricted to local traffic only.
 - The substantial completion date for the project is September 1, 2016.
 - At last check, the contractor is anticipated to have the trail bridge installed by the end of April.
- SP15 has been drafted pertaining to testing of materials. The QCQA for the manufacture of the bridge beams should be consistent with that of an INDOT project.

Minutes Prepared By:
LOCHMUELLER GROUP

L. Nick Batta, P.E.
Project Manager



SIGN IN SHEET

HAMILTON COUNTY BRIDGE #35 REHABILITATION

Date: April 11, 2016

Time: 9:30 a.m. EDT

Name	Company	Phone Number	E-Mail Address
Scott Ritter	CEG	927-4434	scritter@citizensenergygroup.com
David Chersman	Hoosier Pride	765-533-2010	david@hoosierpride.net
STEVE AHLERSMEYER	HLS CONSTRUCTORS	317-439-5234	STEVE.AHLERSMEYER@HLSCONSTRUCTORS.COM
DAVE LANCET	HWC ENGINEERING	317-730-6365	d lancet@hwcengineering.com
Tim Lawson	CEG	317-509-4284	tlawson@citizensenergygroup.com
ALI KRUPSKI	HAM. CO.	317-770-4476	alison.krupski@hamiltoncounty.in.gov
Nick Batta	Lochmueller Group	317-334-6820	NBatta@lehgroup.com

The following Special Provisions are to replace in their entirety previously published versions.

SP2. ROAD CLOSURE

The *CONTRACTOR* shall provide the *OWNER* at least two week notice prior to closing the road. In no case shall the road be closed without prior consent from the *OWNER*.

The roadway shall begin its closure on or after May 16, 2016 and shall be reopened to traffic before August 29, 2016.

SP3. LIQUIDATED DAMAGES

The *CONTRACTOR* shall pay two thousand dollars (\$2,000.00) for each calendar day after the fixed calendar date of completion (September 30, 2016) for failure to complete the work in accordance with this contract.

The *CONTRACTOR* shall also pay two thousand dollars (\$2,000.00) for each calendar day from August 29, 2016 to September 4, 2016 that the road is closed to traffic. The *CONTRACTOR* shall also pay eight thousand dollars (\$8,000.00) for each calendar day on or after September 5, 2016 that the road is closed to traffic. If the *CONTRACTOR* exceeds both allotted time periods simultaneously, the assessed damages will be cumulative.

SP12. PRIOR TO CLOSING ROADS TO TRAFFIC

The *CONTRACTOR* is to notify U.S. Post Office, rural fire departments, affected schools, local police agencies and Hamilton County Sheriff's Department, copy to *ENGINEER*, a minimum of fourteen days prior to the actual closure. The XG20-5 Closure Signs are to be in place a minimum of fourteen days prior to the actual closure.

SP69. NOTICE TO PROCEED

Notice to Proceed is expected to be given by April 29, 2016 unless bid irregularities delay the bid award.



Date: 7-09-15

Subject: Utility Relocation Work Plan for: Indianapolis Power & Light Company
Facility Type: OH Main Power Lines

Section 1. General Information

(A) INDOT/LPA Project Information

- | | |
|---|----------------------------|
| (1) Project # | PB-14-0012 |
| (2) Route Number: | 106 th Street |
| (3) Location: | ¼ mile west of Spring Mill |
| (4) Work Type: | Relocate Power Line |
| (5) Date work plan needed: | August 1, 2015 |
| (6) Target date for utility to be out of conflict with INDOT project: | September 1, 2015 |
| (a) Intermediate phase: | |
| (b) Intermediate phase: | |

(B) Utility Designated Contact - Information

- | | |
|-------------------------------------|--------------------------------|
| (1) Person name: | Jim Duvall |
| (2) Office telephone: | 317-261-8694 |
| (3) Mobile telephone: | |
| (4) Email address: | jim.duvall@aes.com |
| (5) Agency name: | Indianapolis Power & Light Co. |
| (6) Address: | 1230 W. Morris St. |
| (7) City, State, Zip Code: | Indianapolis, Indiana, 46221 |
| (8) Construction Emergency Contact: | |
| Name: | Trouble Department |
| Number: | 317-261-8111 |

(C) By signing here, the Utility has determined to the best of their ability that they do not have facilities within the project area: _____ N/A _____

Note: A signature by the utility representative at item "(C)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

(D) INDOT/LPA Utility Coordinator Contact Information

- (1) Person name: Nick Batta
(2) Office telephone: 317-222-3878-x250
(3) Mobile telephone:
(4) Email address: NBatta@lochgroup.com
(5) Agency name: Lochmueller Group
(6) Address:
(7) City, State, Zip Code:

Section 2. A narrative description of the facility relocation that will be required. [IAC 13-3-3(c)]

- (A) Describe what types of existing facilities are present.**

3-Phase, 13kv, OH Power Lines

- (B) Describe the location of existing facilities.**

Along edge of 106th ST. on North Side of Road

- (C) Describe what will be done with existing facilities.**

3-spans, 4 poles will be moved north 5 feet (by bridge).

- (D) Describe the details of the proposed new facilities.**

3-Phase, 13 KV power lines and poles.

- (E) Describe the proposed location of the new facilities.**

24 feet north of line 'A' on project prints.

- (F) By signing here, the Utility has determined to the best of their ability that they have facilities within the project area and the facilities are not in conflict with the project based upon the plans received on _____ N/A _____**

Note: A signature by the utility representative at item "(F)" fulfills the requirement to complete the rest of this form and affirms their contact information above is correct.

Section 3. A statement whether the facility relocation is or is not dependent on the acquisition of additional property interests with a description of that work. [IAC 13-3-3(c)(2)(B)]

No New Land Needed

Section 4. A statement whether the utility is or is not willing to allow the INDOT contractor to do the required work as part of the highway contract. [IAC 13-3-3(c)(3)]

IPL will perform our own work.

Section 5. From the date the work plan is approved by both parties; please provide the Utility's pre-construction scheduling information. [IAC 13-3-3(c)(4), IAC 13-3-3(c)(5)]

- (A) The expected lead time in calendar days to obtain required permits: 0
- (B) The expected lead time in calendar days to obtain materials: 0
- (C) The expected lead time in calendar days to schedule work crews: 45
- (D) If the contractor is being selected by competitive bid what is the date of selection? (mm/yyyy) N/A
- (E) The expected lead time in calendar days to obtain new property interests: N/A
- (F) The earliest date when the utility could begin to implement the pre-construction activities of the work plan: August 3rd, 2015
- (G) The total number of calendar days for pre-construction activities: N/A
(accounting for concurrent activities)

Section 6. The utility's construction scheduling information. [IAC 13-3-3(c)(4), IAC 13-3-3(c)(5)]

(A) A statement whether the facility relocation is or is not dependant on work to be done by another utility with a description of that work. [IAC 13-3-3(c)(2)(A)(i)]

(1) Utility A, with a description of the required work.
N/A

(2) Utility B, with a description of the required work.

(3) Utility C, with a description of the required work.

(B) A statement whether the facility relocation is or is not dependent on work to be done by the department or the department's contractor with a description of that work. [IAC 13-3-3(c)(2)(A)(ii)]

(1) Work item A

All Tree Trimming/Cutting To Be Done By Road Contractor

(2) Work item B

(C) How many calendar days after the events identified in Sec 6 A and B are completed can the utility begin construction: 1

(D) The number of calendar days to complete the relocation work: 20

Section 7. A drawing of sufficient detail with station, offset, elevations, and scale to show the proposed location of the facility relocation, which takes precedence over the narrative description of the work. [IAC 13-3-3(c)(6)]

Please see attached Print and Station Letter.

Section 8. For each work plan the utility shall include a cost estimate for the facility relocation. For reimbursable work the estimate will identify betterment and salvage. [IAC 13-3-3(d)]

N/A

Section 9. For work the utility is entitled to be compensated by the Department, the work plan shall include documentation of property interests and compensable land rights. [IAC 13-3-3(d)]

N/A

Section 10. The implementation of this approved work plan is dependent upon the issuance of:

(a notice to proceed will be provided when items in Section 6 are accomplished)

	Yes	N/A
An executed reimbursement agreement with INDOT/LPA:		X

A relocation permit from INDOT/LPA:	(NTP)	X
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Submitter Name Signed: Jim Duvall

Submitter Name Printed: Jim Duvall

Date Submitter Signed: 7-08-2015

INDOT/LPA use only below this point ----- INDOT/LPA use only below this point

The following sections to be used by INDOT personnel to review the utility relocation work plan.

Section 11. The Department shall review the work plan to ensure that it: [IAC 13-3-3(e)]

- (1.a) is compatible with department permit requirements.
- (1.b) is compatible with the project plans.
- (1.c) is compatible with the construction schedule.
- (1.d) is compatible with other utility relocation work plans.
- (2.a) has a reasonable relocation scheme.
- (2.b) has a reasonable cost for compensable work.

<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>
<input checked="" type="checkbox"/>	Yes	<input type="checkbox"/>	No	Init.: <i>LMB</i>

Reviewer Name Signed: *Nick Batta*

Reviewer Name Printed: *Nick Batta*

Reviewer Date Signed: *7/29/15*

Section 12. Approved Work Plan. [IAC 13-3-3(f)]

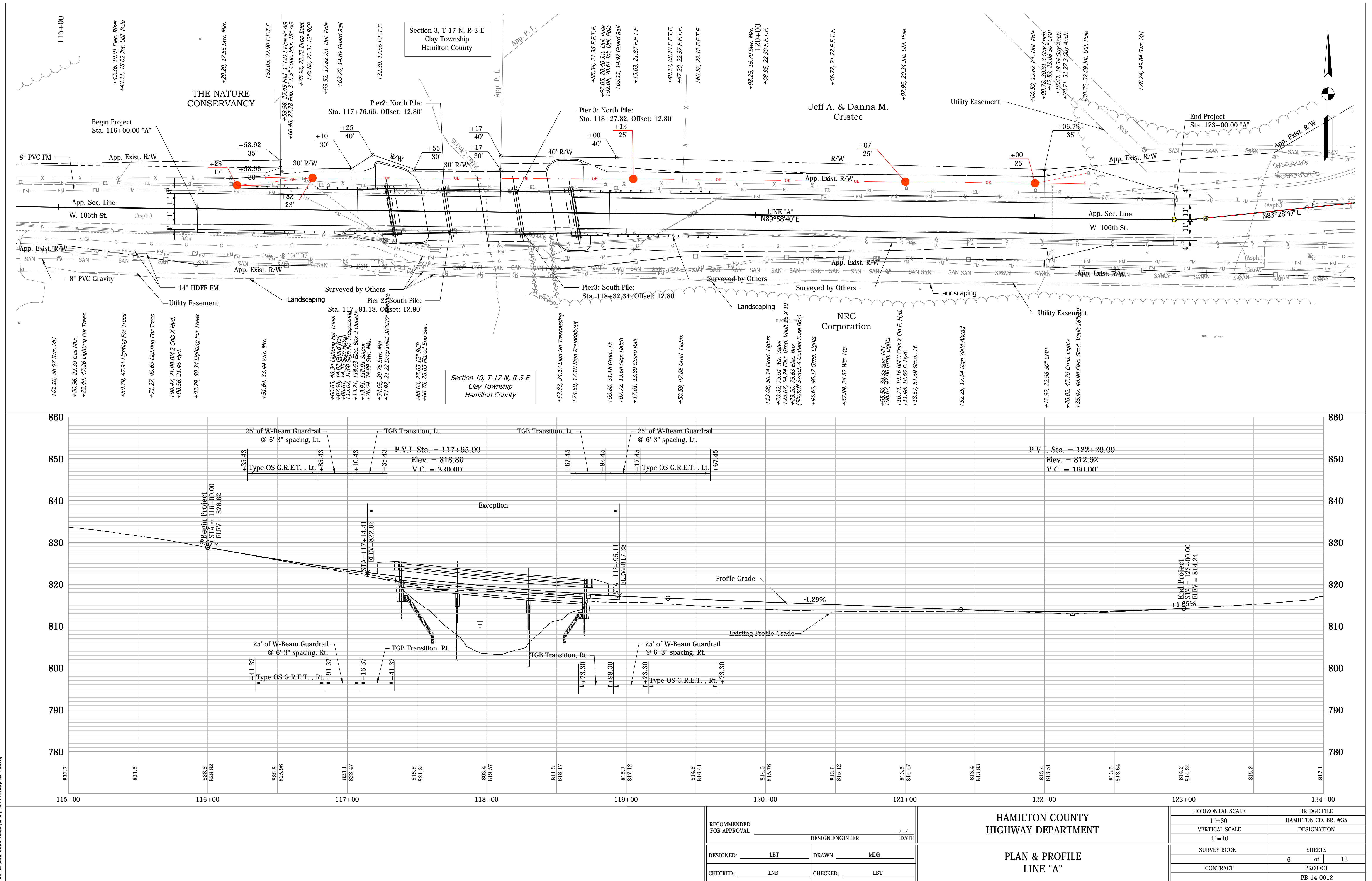
I have reviewed the work plan and found it acceptable.

Project Manager Named Signed: *Nick Batta*

Project Manager Name Printed: *Nick Batta*

Project Manager Date Signed: *7/29/15*

IPL Work Plan - Relocation Drawing



UTILITIES

ELECTRIC

Indianapolis Power & Light Company
1230 W. Morris St.
Indianapolis, Indiana 46221
(317) 261-8694
Contact: Jim Duvall
jim.duvall@aes.com

SEWER

Clay Township Regional Waste District
10701 N. College Ave., Ste A
Carmel, Indiana 46280
(317) 844-9200
Contact: Ryan Hartman
Ryan.Hartman@CTRWD.org

MISCELLANEOUS

Carmel Utilities
3450 W 131st St.
Carmel, Indiana 46074
(317) 733-1480
Contact: Jeff Peters
jpeters@carmel.in.gov

CABLE T.V.

Brighthouse
3030 Roosevelt Ave.
Indianapolis, IN 46218
(317) 339-9075
Contact: Joe Burton
joe.burton@mybrighthouse.com

COMMUNICATIONS/TELEPHONE

AT&T - Distribution
5858 N. College Ave.
Indianapolis, Indiana 46220
(317) 252-5143
Contact: Jacob Greenwald
JG0936@att.com

WATER

Citizens Energy Group
2150 Dr. Martin Luther King Jr. St.
Indianapolis, IN 46202
(317) 927-4434
Contact: Scott Ritter
sritter@citizensenergygroup.com

GAS

Vectren
1600 Allisonville Rd.
Nobelsville, IN 46061
(317) 776-5534
Contact: Brian Harger
bharger@vectren.com

INDEX	
SHEET NO.	DRAWINGS INDEX
1	TITLE
2	INDEX
3	TYPICAL ROAD CROSS SECTION
4	GEOMETRICS & BENCHMARK INFORMATION
5	MAINTENANCE OF TRAFFIC
6	PLAN AND PROFILE
7	EROSION/SEDIMENT CONTROL PLANS
8	PROPOSED PAVEMENT MARKINGS/SIGN DETAILS & TABLES
9-10	SOIL BORINGS
11	LAYOUT
12	GENERAL PLAN
13	FOUNDATION LAYOUT
14-17	END BENT #1 & #4 CONSTRUCTION & DETAILS
18-20	INTERIOR BENT #2 & #3 CONSTRUCTION & DETAILS
21	FRAMING PLAN
22-23	BEAM DETAILS
24-27	SUPERSTRUCTURE DETAILS
28	BARRIER RAIL DETAILS
29	SCREEDS
30	R.C. BRIDGE APPROACH
31	BRIDGE SUMMARY OF QUANTITIES
32	MISCELLANEOUS ROAD QUANTITIES
33-34	CROSS SECTIONS

REVISIONS		
SHEET NO.	DATE	REVISED
14, 15 & 18	04/15/2016	△ Revised Beam Seat Elevations & Added Top Plate To Bearing
21	04/15/2016	△ Added Sections A-A & B-B Due To Adding Top Plate To Bearing
23	04/15/2016	△ Moved Elastomeric Bearing Pad Details & Added Top Plate Details
26	04/15/2016	△ Revised Section B-B Due To Adding Top Plate To Bearing

NOTE:

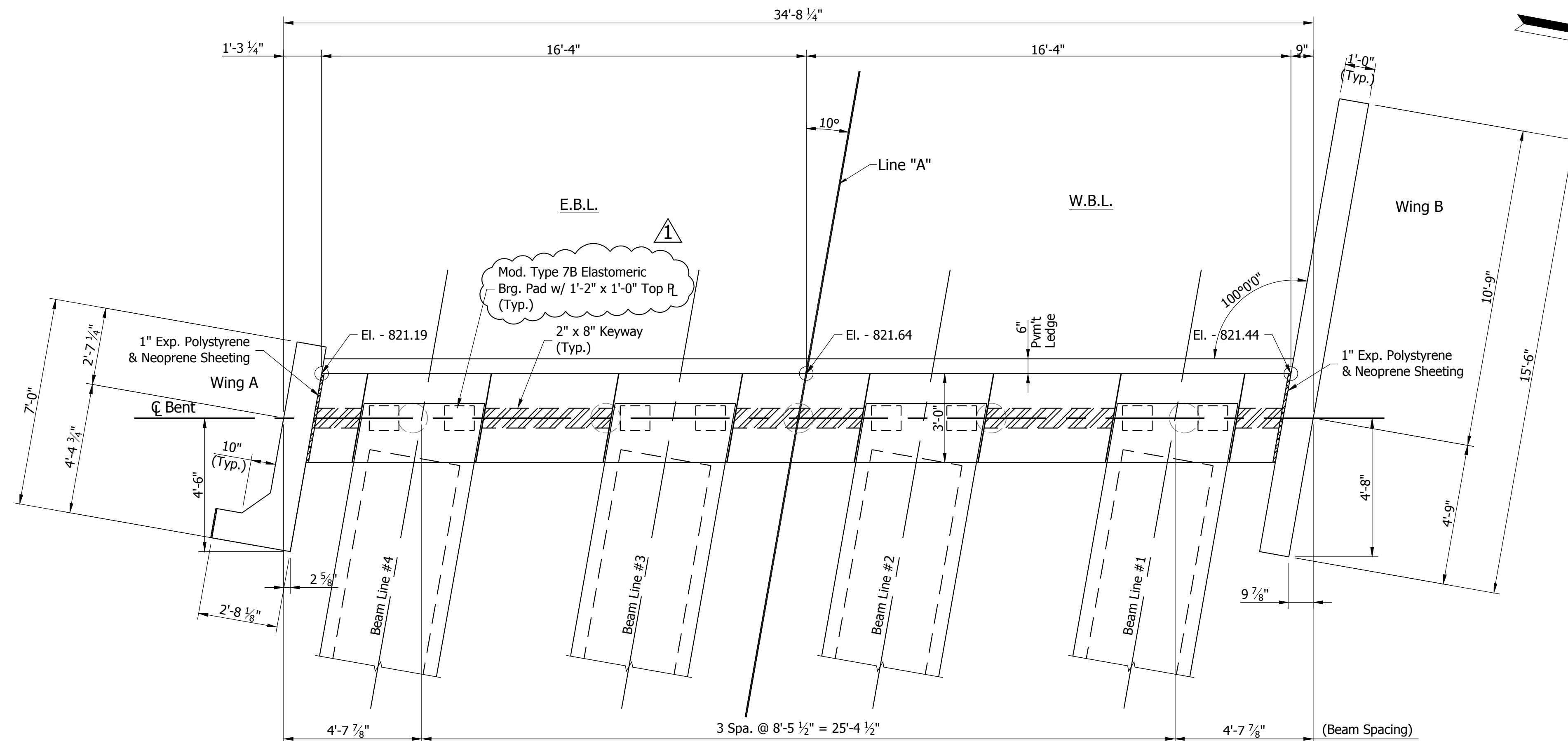
Project PB-14-0012 will be constructed concurrently and will require coordination with INDOT Contract No. R-36021. The City of Carmel or INDOT may be contacted to receive additional information on INDOT Contract No. R-36021.

Date: Apr 15, 2016, 3:08pm User Name: vaughn
File: S:\213-0039\bridge\CAD\Plans\Index.dwg

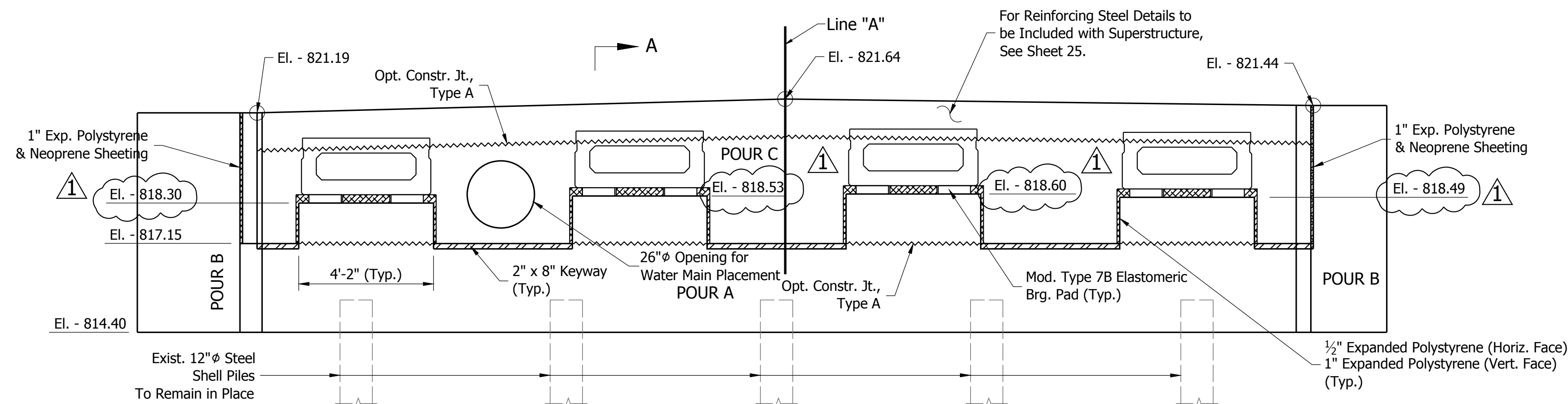
RECOMMENDED FOR APPROVAL		03/02/2016 DATE
DESIGN ENGINEER		
DESIGNED: MAR	DRAWN: TAM	
CHECKED: CRF	CHECKED: MAR	

HAMILTON COUNTY HIGHWAY DEPARTMENT
INDEX SHEET

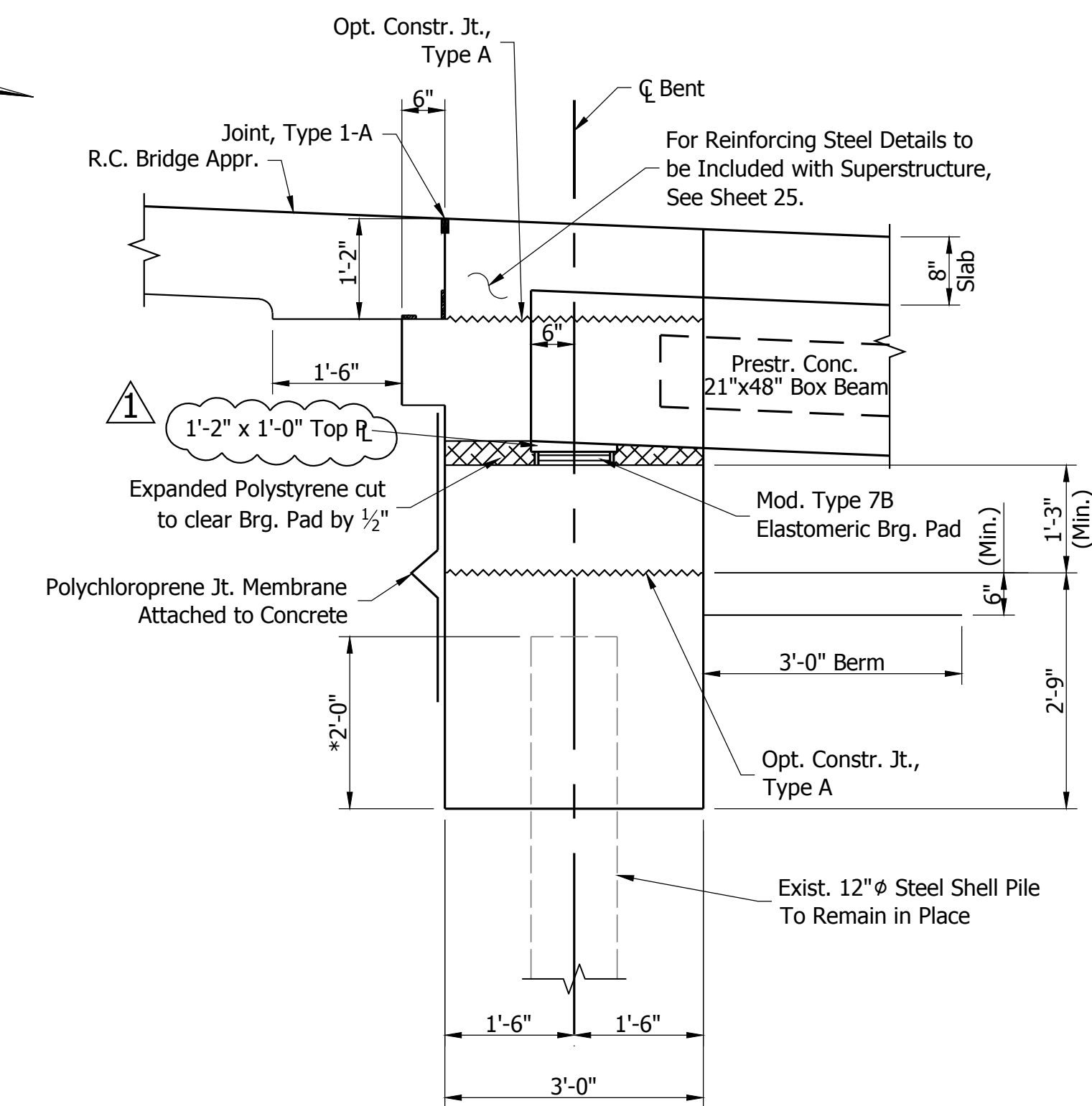
HORIZONTAL SCALE	BRIDGE FILE
NONE	HAMILTON CO. BR. #35
VERTICAL SCALE	DESIGNATION
NONE	----
SURVEY BOOK	SHEETS
	2 of 34
CONTRACT	PROJECT
----	PB-14-0012



PLAN VIEW



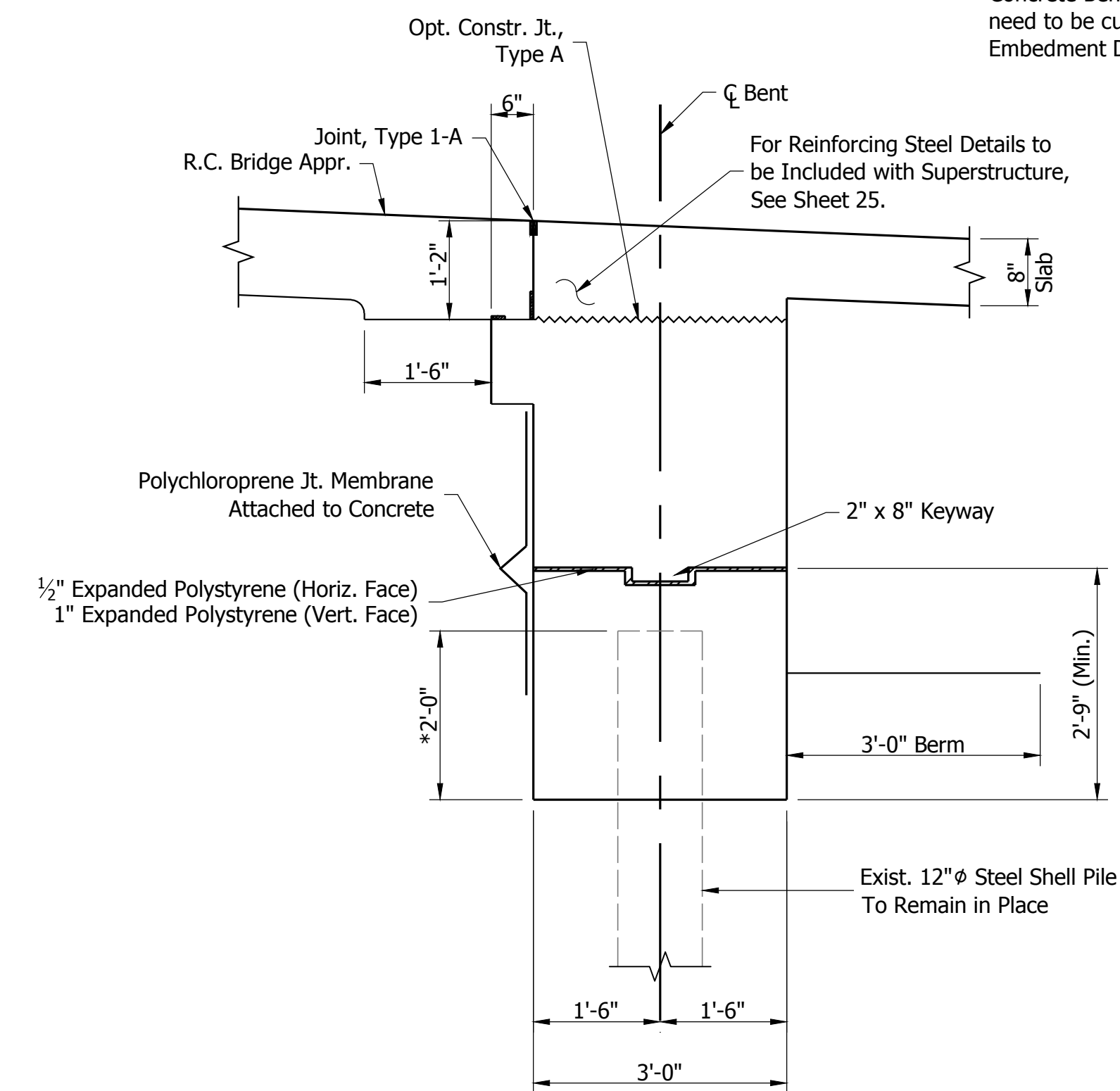
ELEVATION VIEW



SECTION A-A

SCALE: 5/8" = 1'-0"

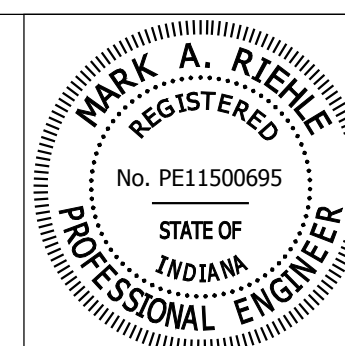
* Top of Exist. Pile Elevation Varies. Each Pile is to be Embedded into Prop. Concrete Bent Cap 2'-0". Exist. Piles need to be cut to Required Embedment Depth.



SECTION BETWEEN BEAMS

SCALE: 5/8" = 1'-0"

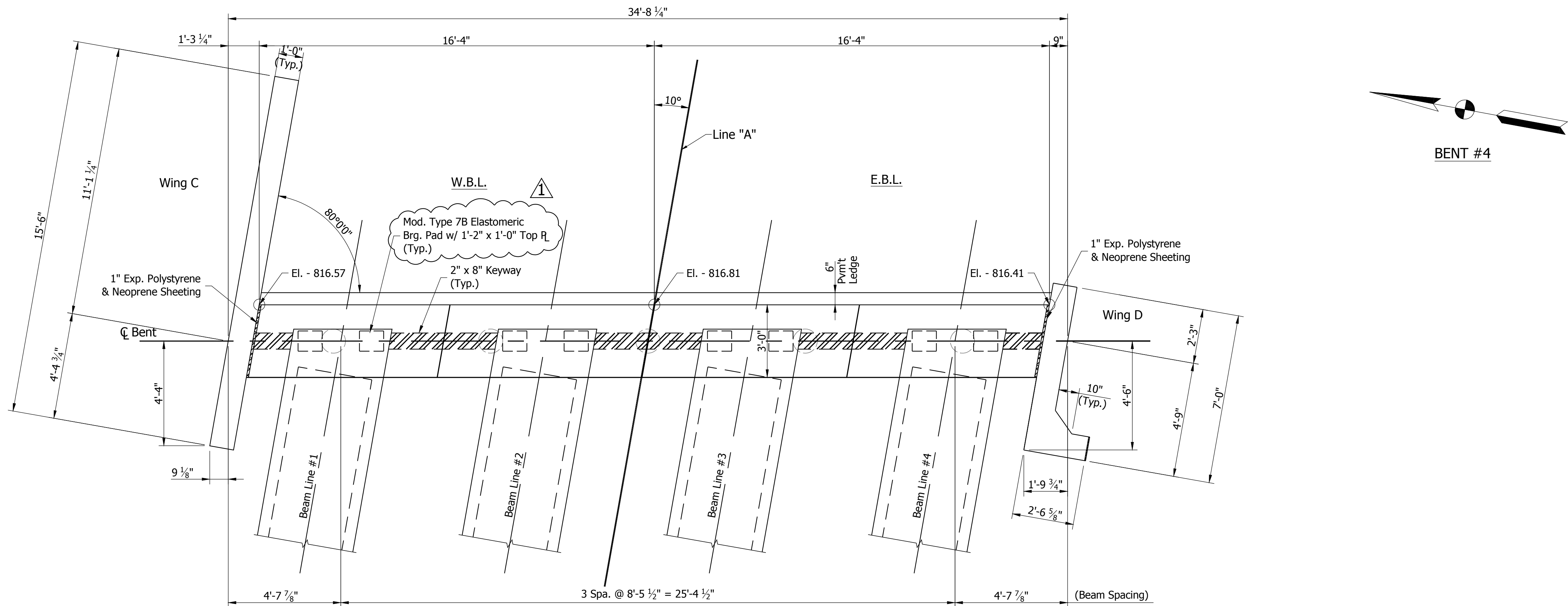
1 Revised Beam Seat Elevations & Added Top Plate To Bearing



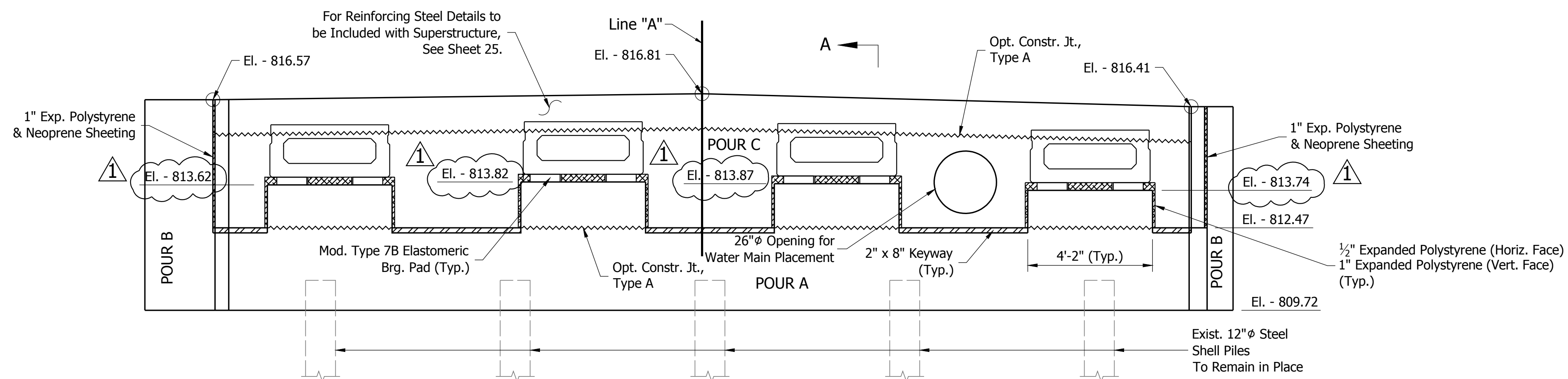
RECOMMENDED FOR APPROVAL *Mark A. Riehl* 03/02/2016 DATE
DESIGN ENGINEER
DESIGNED: ACS DRAWN: TAM
CHECKED: MAR CHECKED: ACS

HAMILTON COUNTY
HIGHWAY DEPARTMENT
END BENT #1 CONSTRUCTION

HORIZONTAL SCALE	BRIDGE FILE
3/8"=1'-0"	HAMILTON CO. BR. #35
VERTICAL SCALE	DESIGNATION
3/8"=1'-0"	----
SURVEY BOOK	SHEETS
CONTRACT	14 of 34
----	PROJECT
----	PB-14-0012



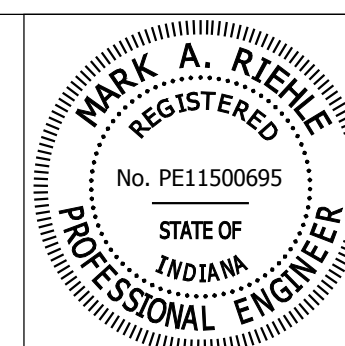
PLAN VIEW



ELEVATION VIEW

NOTE: For Section A-A, See Sheet 14.

1 Revised Beam Seat Elevations & Added Top Plate To Bearing

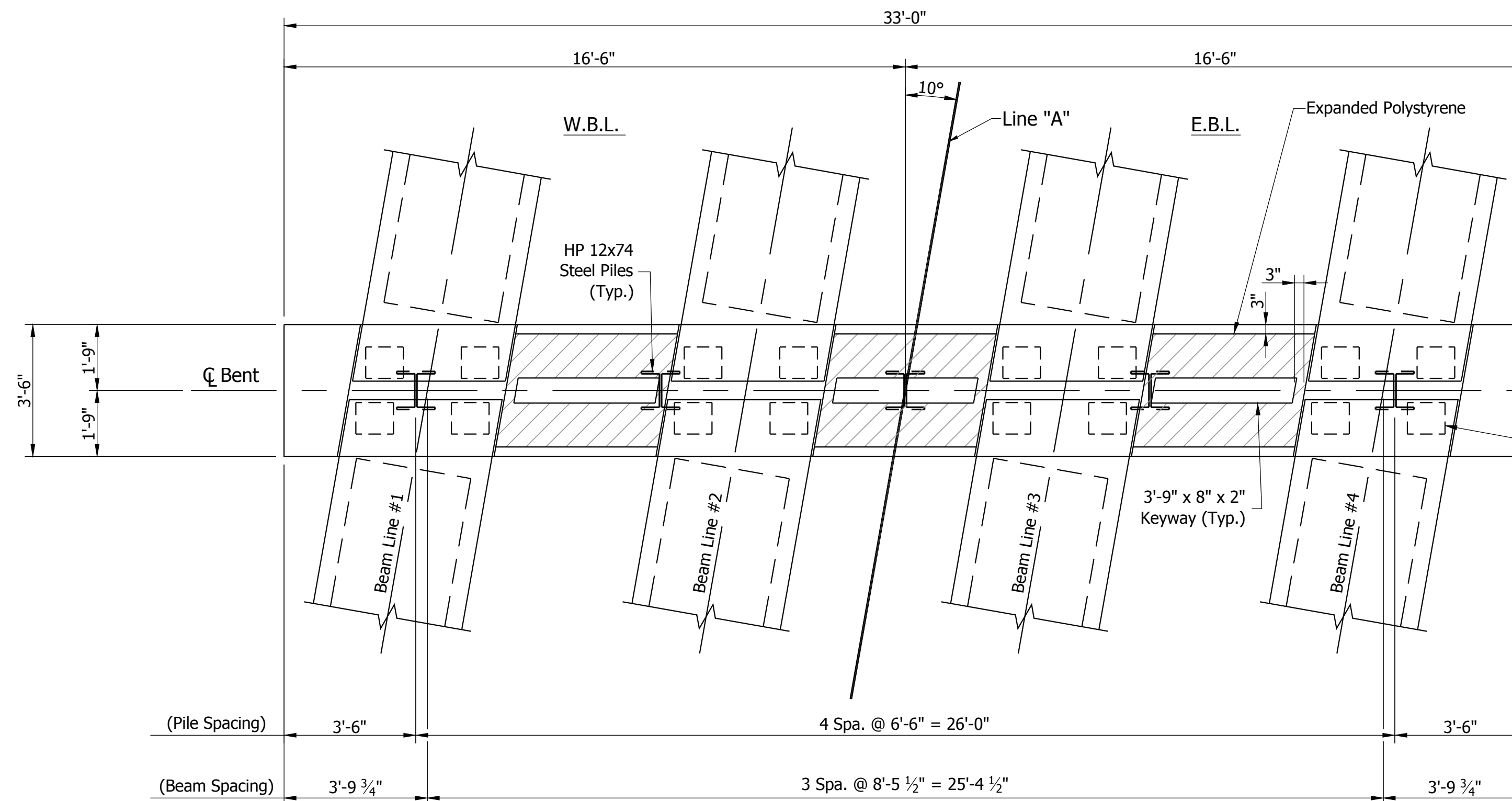


RECOMMENDED FOR APPROVAL *Mark A. Riehl* 03/02/2016
DESIGN ENGINEER DATE
DESIGNED: ACS DRAWN: TAM
CHECKED: MAR CHECKED: ACS

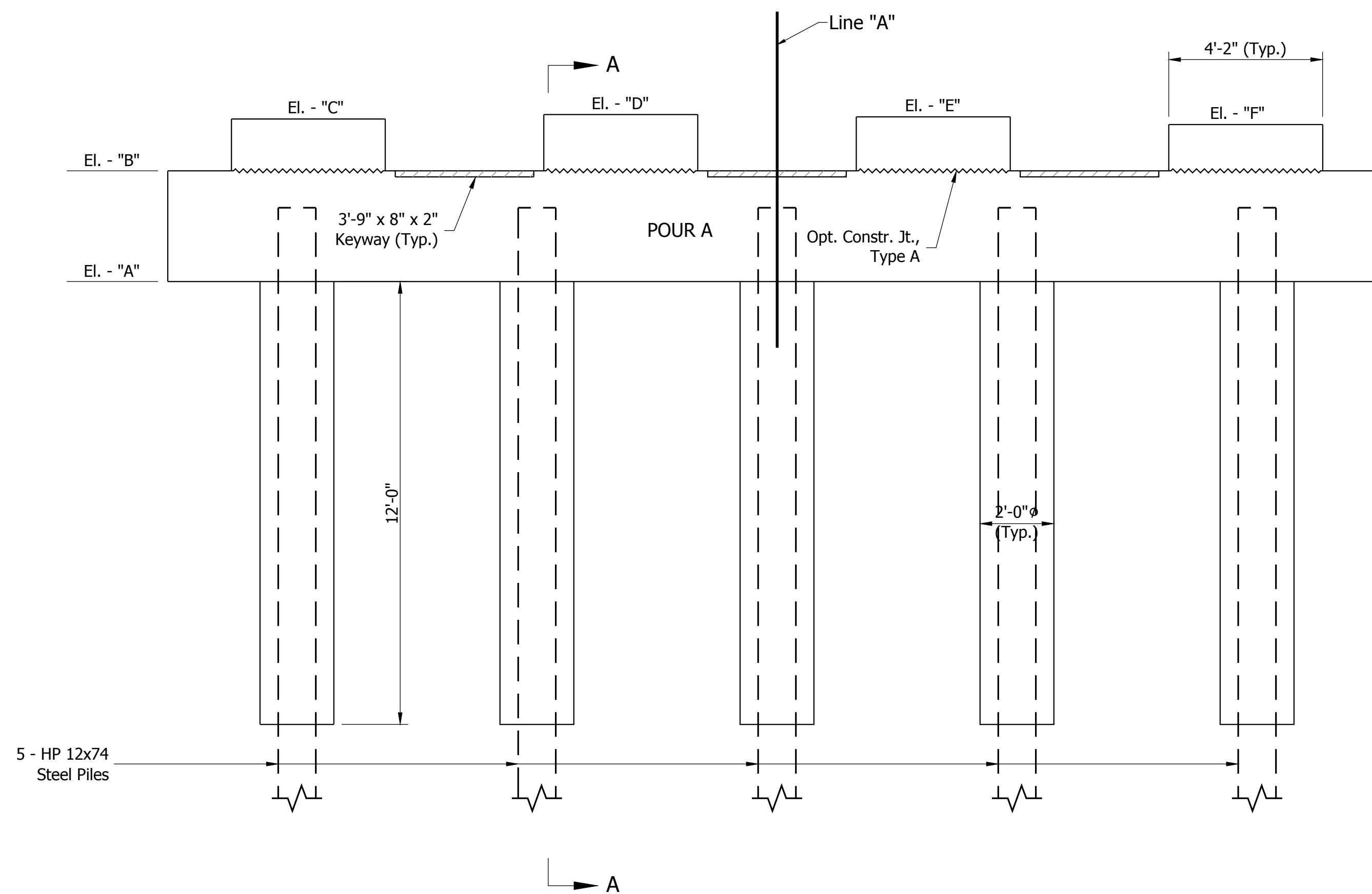
HAMILTON COUNTY
HIGHWAY DEPARTMENT

END BENT #4 CONSTRUCTION

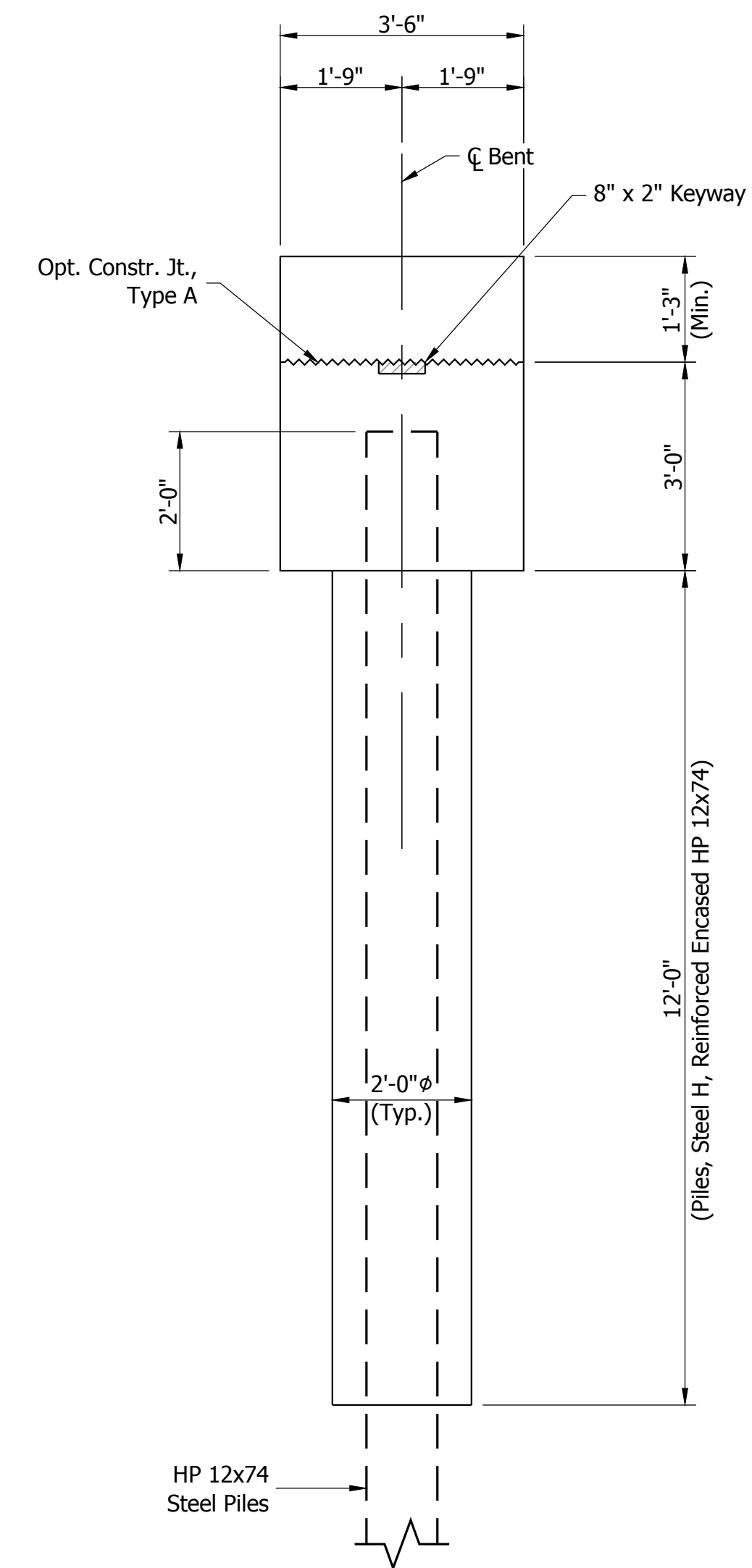
HORIZONTAL SCALE	BRIDGE FILE	
3/8"=1'-0"	HAMILTON CO. BR. #35	
VERTICAL SCALE	DESIGNATION	
3/8"=1'-0"	----	
SURVEY BOOK	SHEETS	
CONTRACT	15	of 34
----	PROJECT	
----	PB-14-0012	



CAP PLAN VIEW
BENT #2 SHOWN, BENT #3 SIMILAR



ELEVATION VIEW
BENT #2 SHOWN, BENT #3 SIMILAR

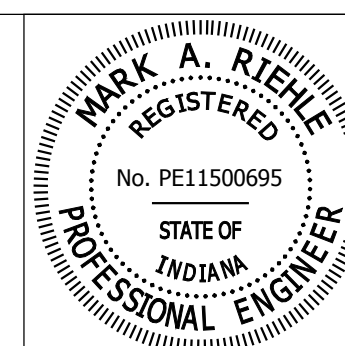


SECTION A-A
SCALE: 1/2" = 1'-0"

INTERIOR BENT ELEVATIONS		
ELEV.	BENT #2	BENT #3
A	812.45	810.63
B	815.45	813.63
C	816.78	814.93
D	816.89	815.05
E	816.83	815.00
F	816.61	814.78

NOTE: Pile Shoes are to be Used on Each Pile.

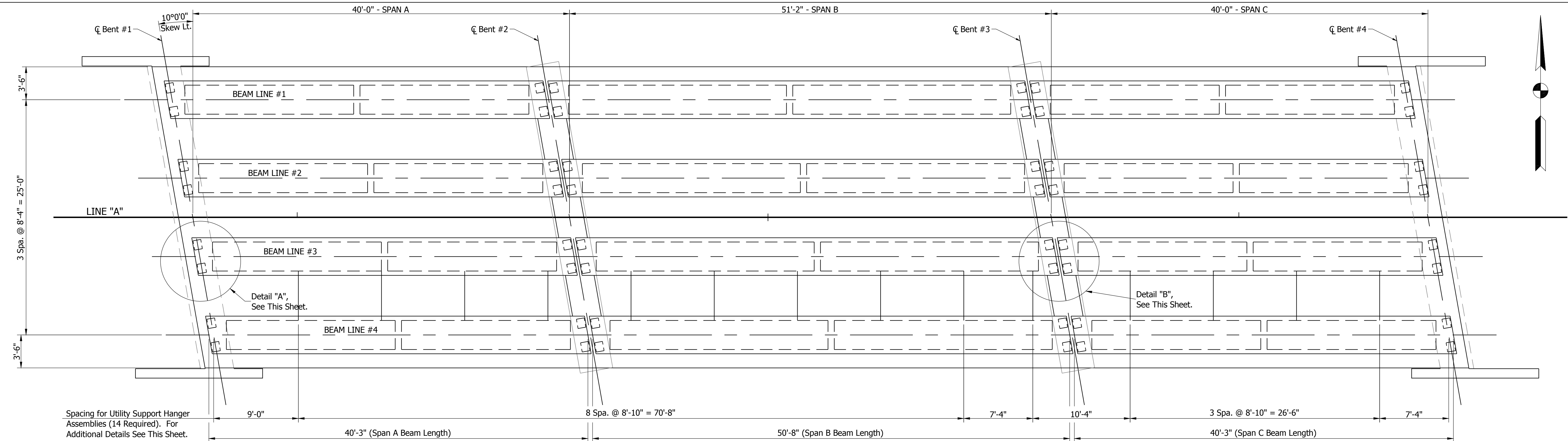
1 Revised Beam Seat Elevations & Added Top Plate To Bearing



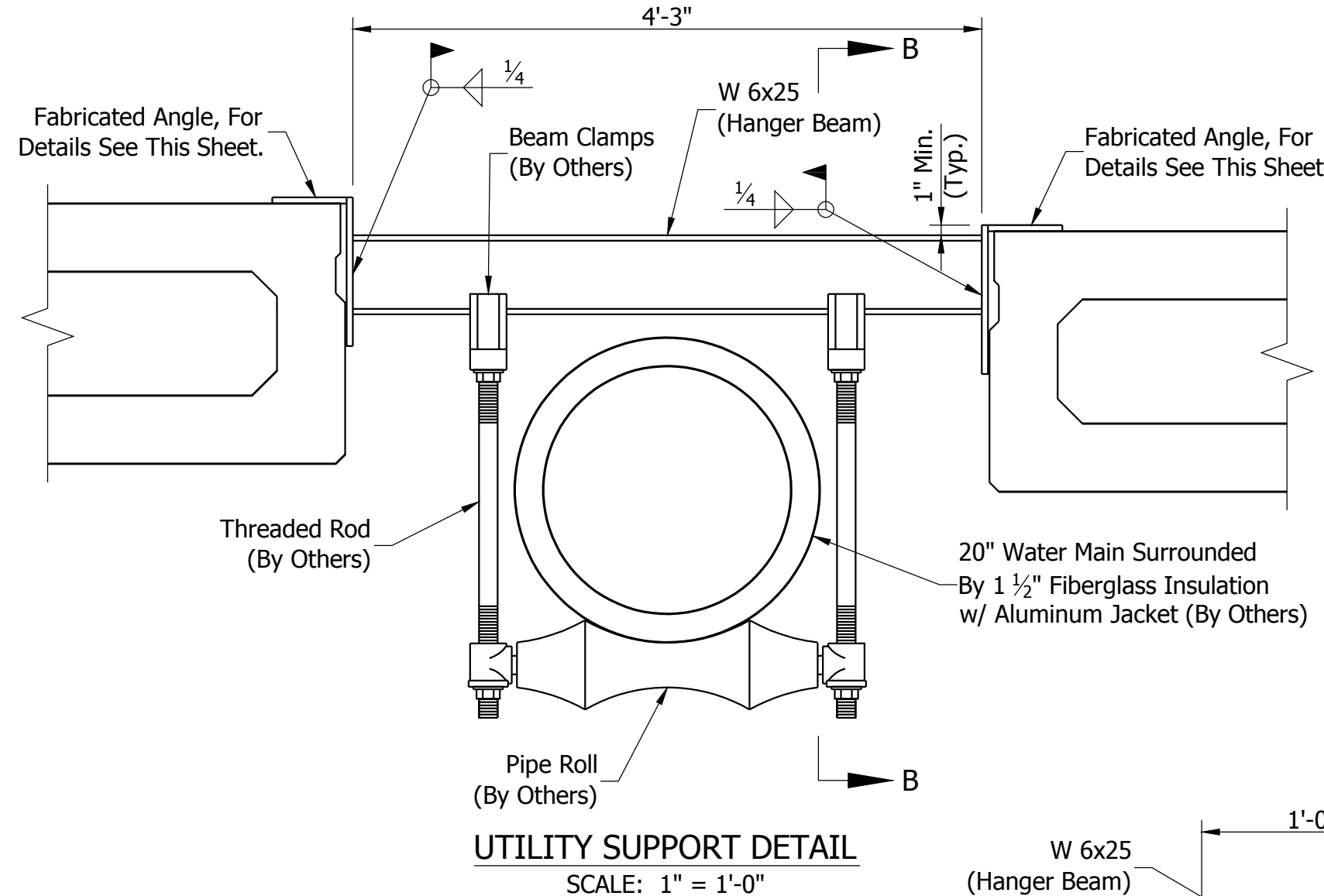
RECOMMENDED FOR APPROVAL	<i>Mark A. Riehl</i>	03/02/2016
DESIGN ENGINEER		DAT
DESIGNED: ACS	DRAWN: VCH	
CHECKED: MAR	CHECKED: ACS	

HAMILTON COUNTY HIGHWAY DEPARTMENT
INTERIOR BENT #2 & #3 CONSTRUCTION

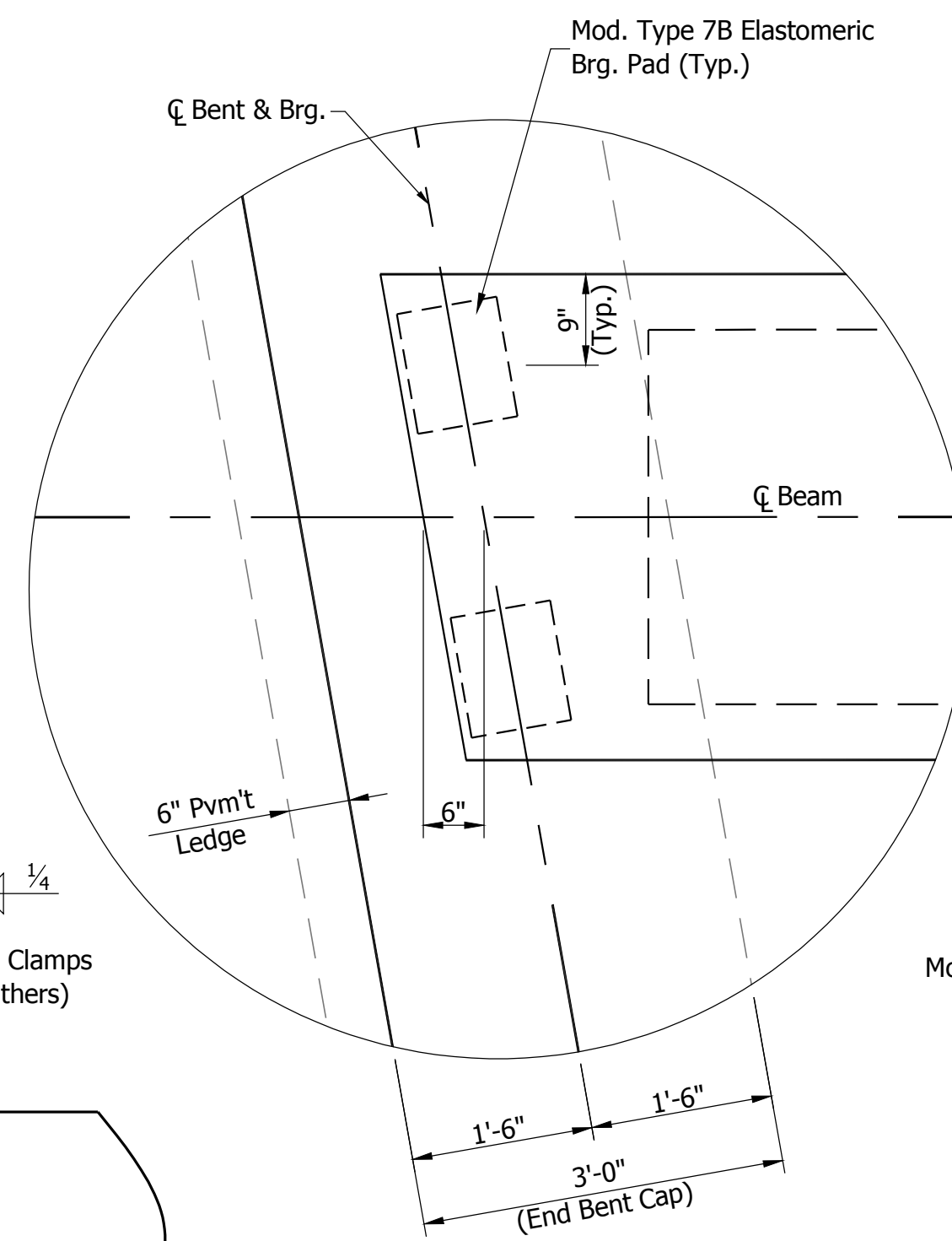
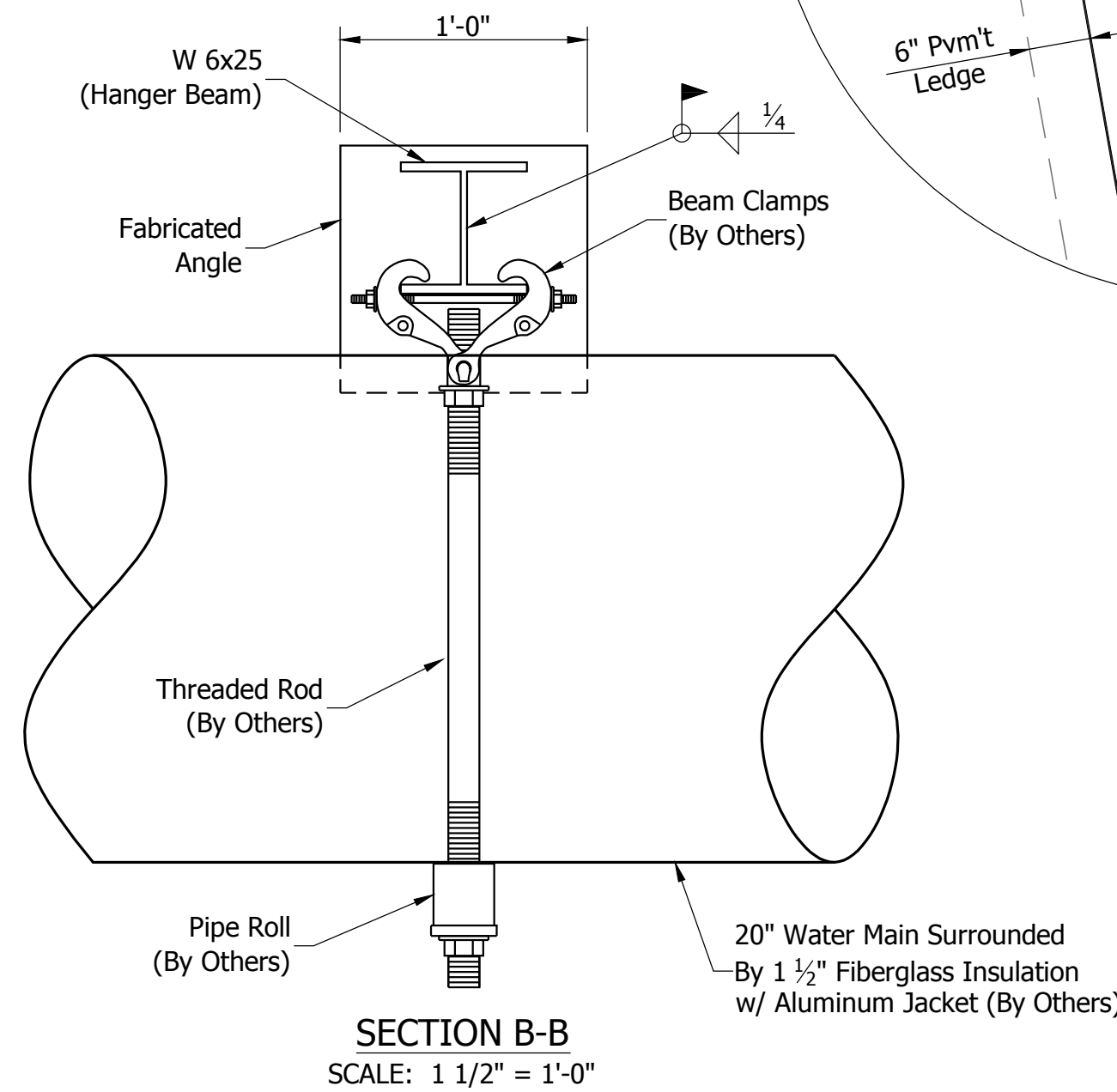
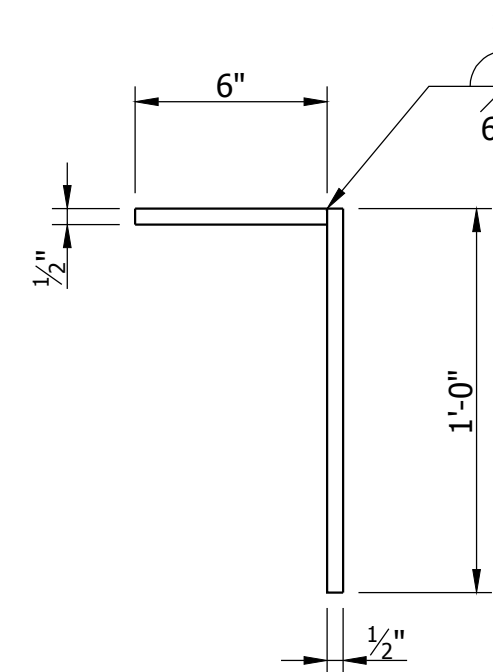
HORIZONTAL SCALE 3/8"=1'-0"	BRIDGE FILE HAMILTON CO. BR. #35
VERTICAL SCALE 3/8"=1'-0"	DESIGNATION ----
SURVEY BOOK	SHEETS 18 of 34
CONTRACT ----	PROJECT PB-14-0012



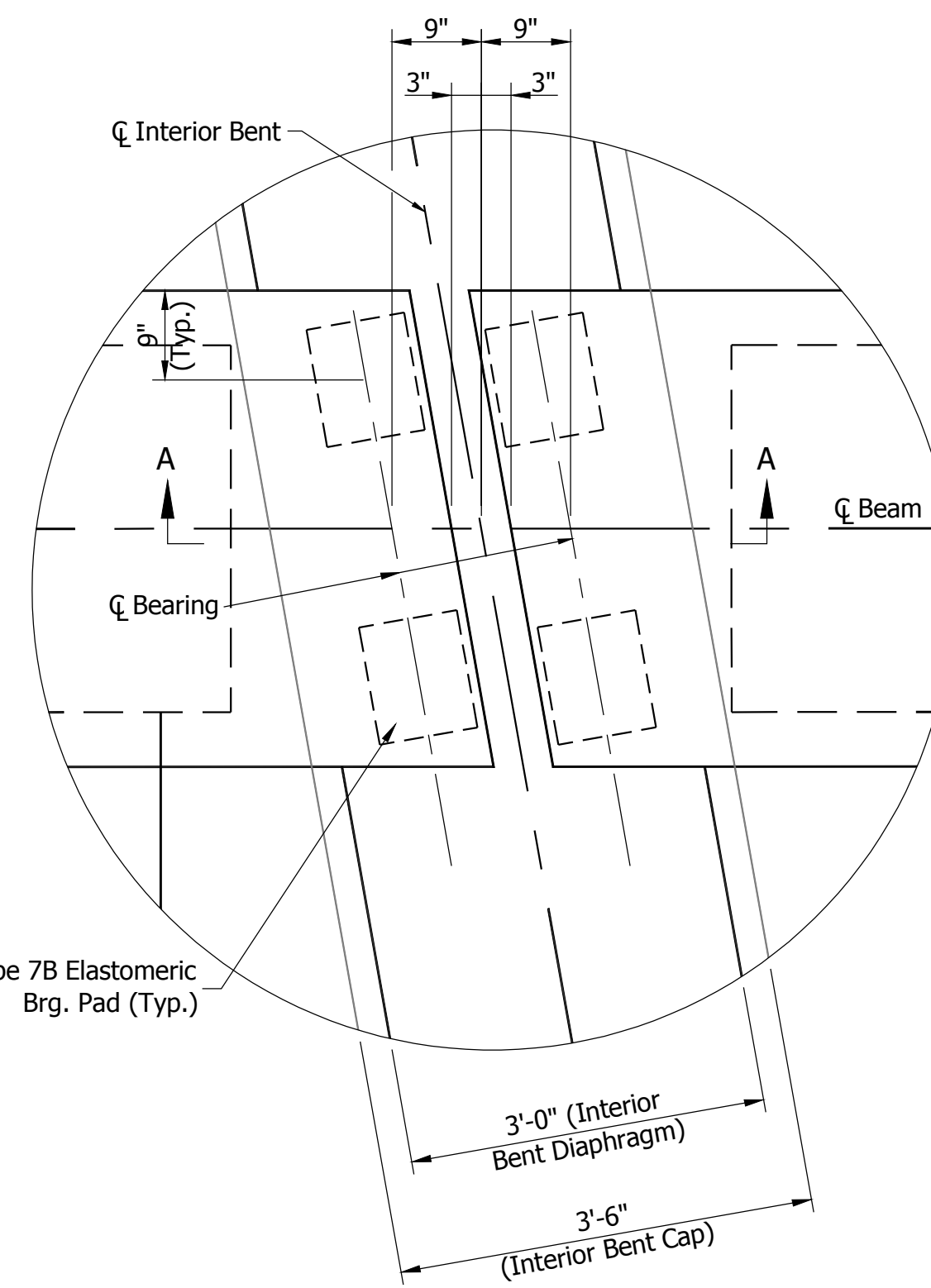
PLAN VIEW



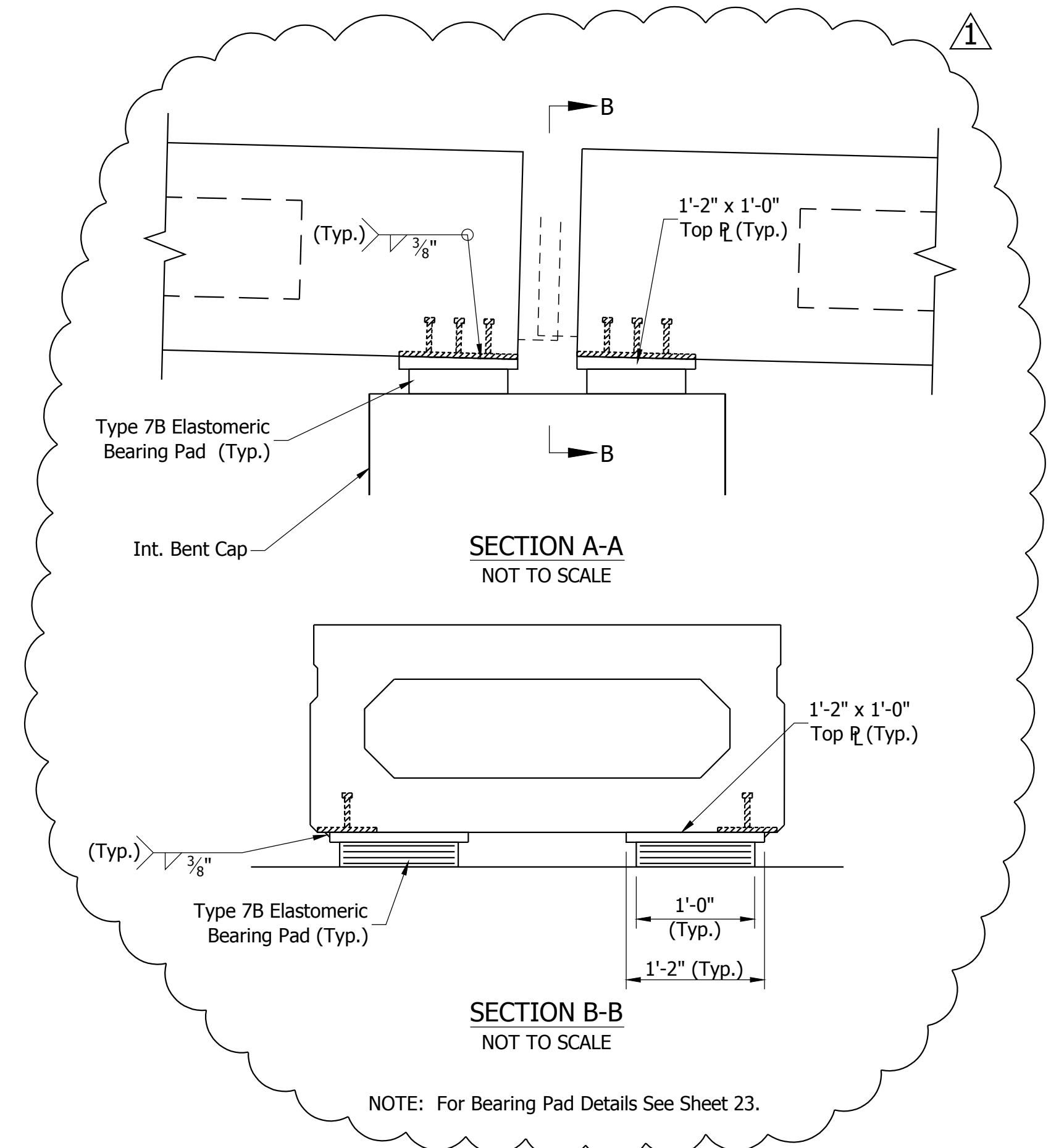
NOTE: All Structural Steel To Be AASHTO M270 Grade 50.
All Structural Steel to be Painted Black (Color No. 17038).



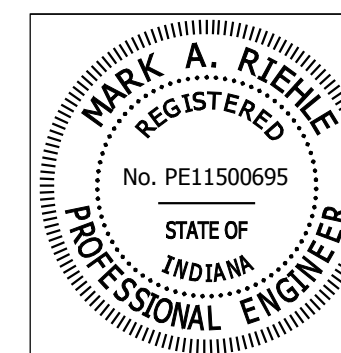
DETAIL "A"



DETAIL "B"



Added Sections A-A & B-B Due To Adding Top Plate To Bearing

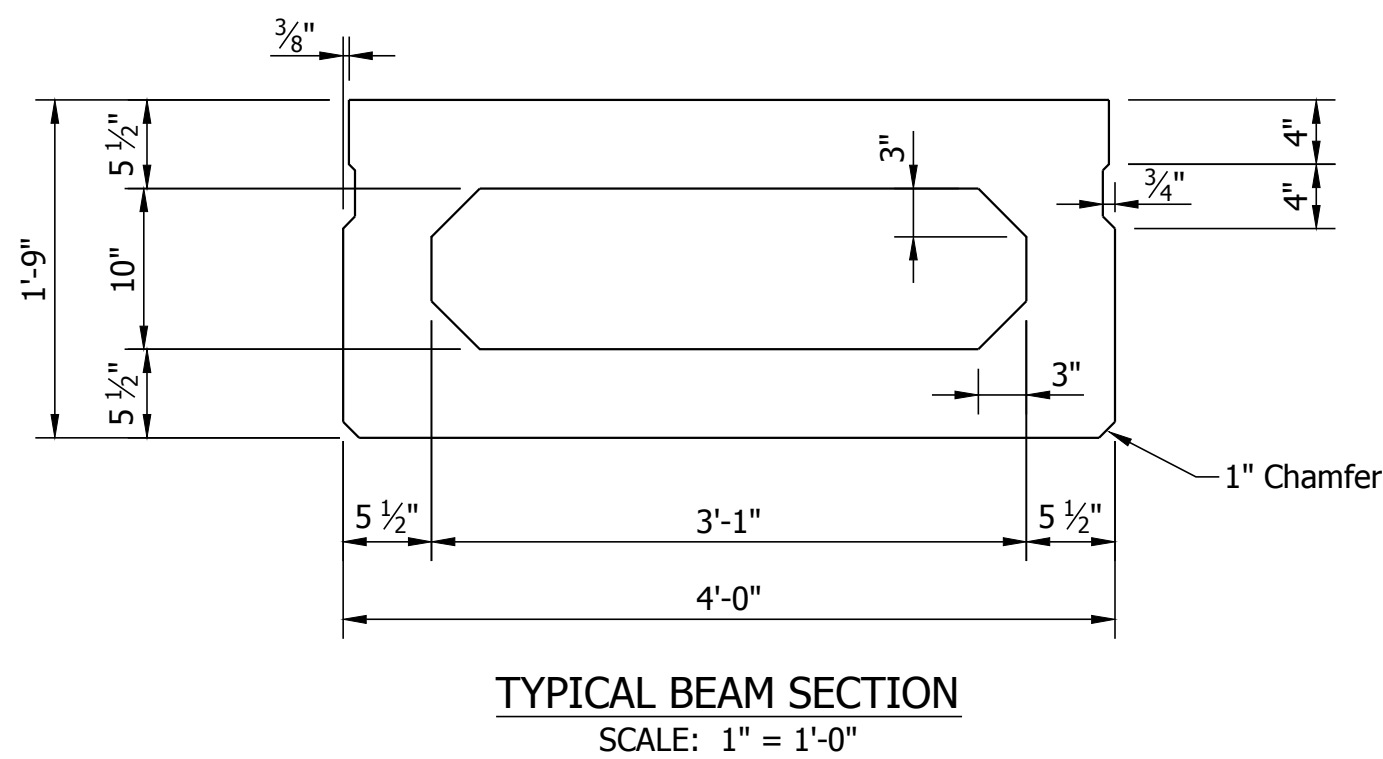
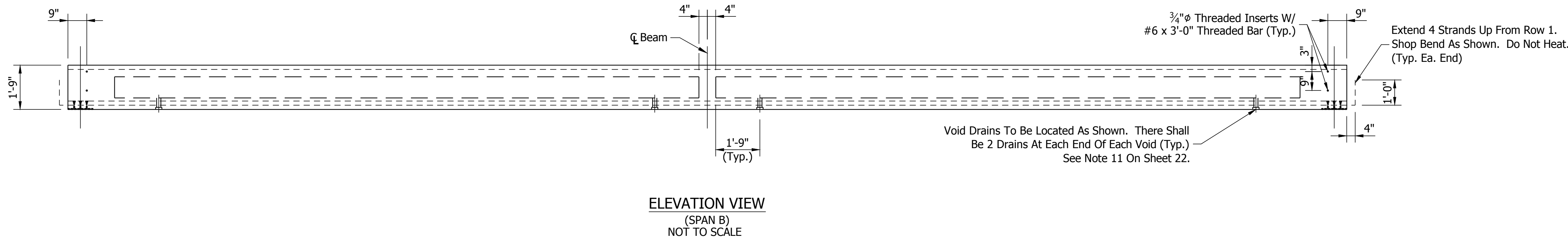
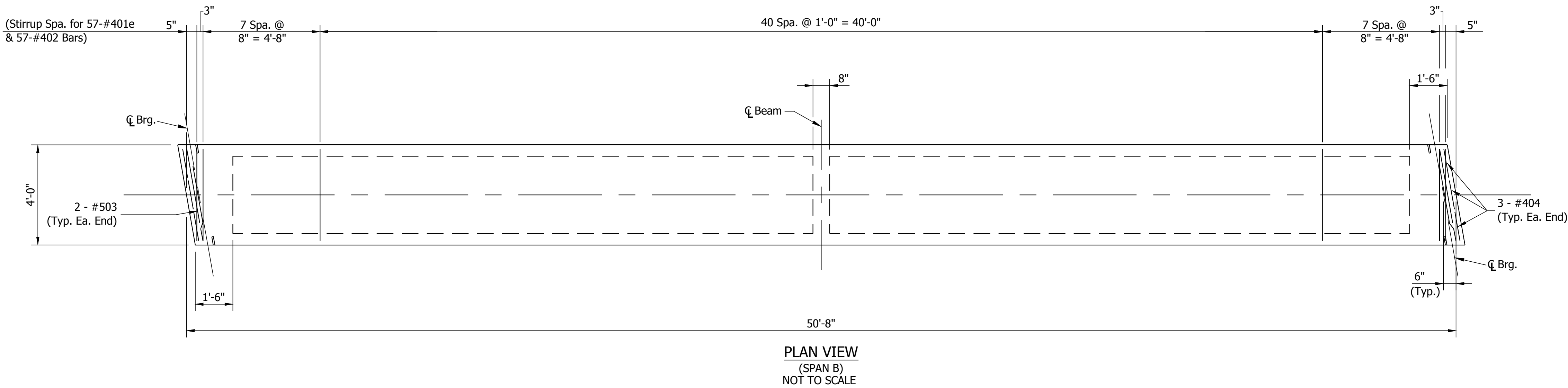


RECOMMENDED FOR APPROVAL	<i>Mark A. Riehl</i>	DESIGN ENGINEER	03/02/2016	DATE
DESIGNED:	MAR	DRAWN:	TAM	
CHECKED:	KJC	CHECKED:	MAR	

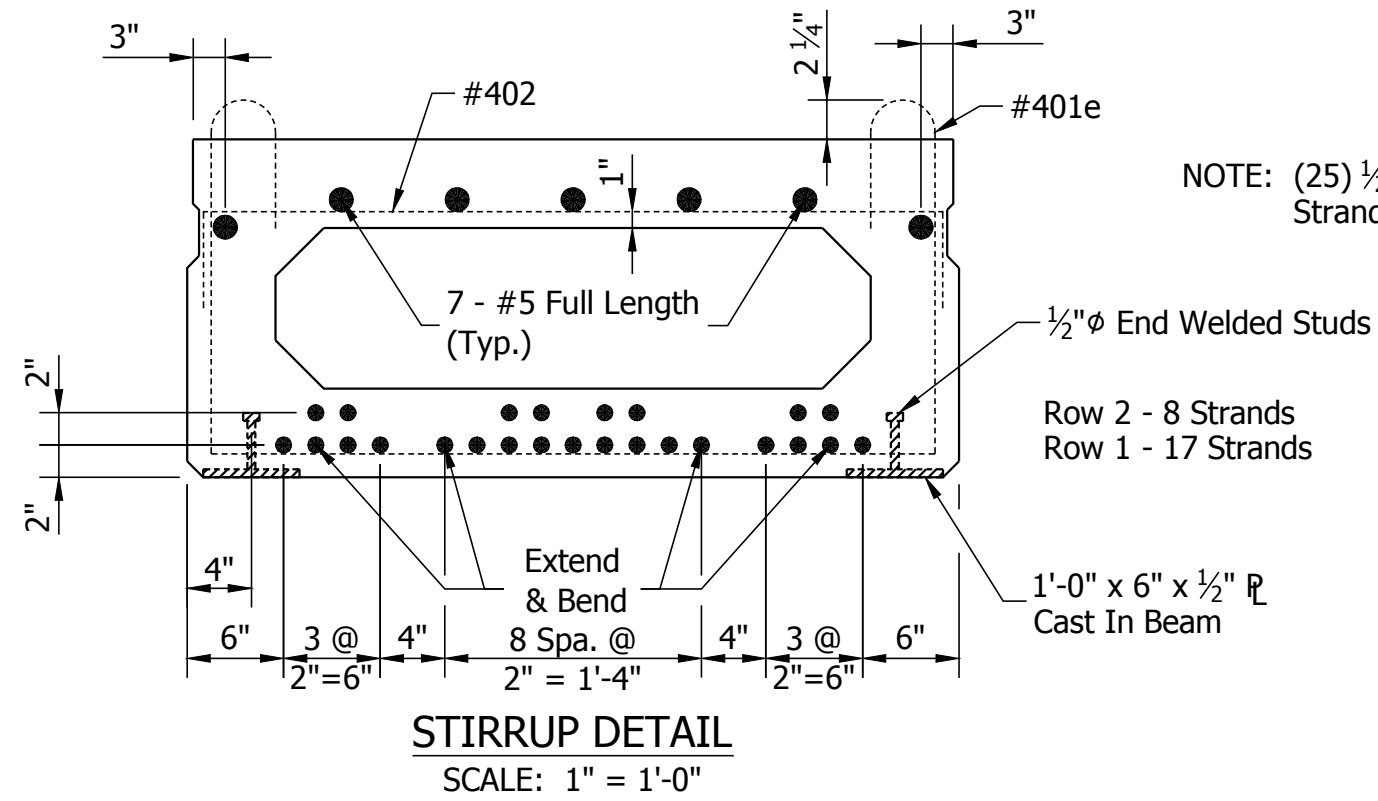
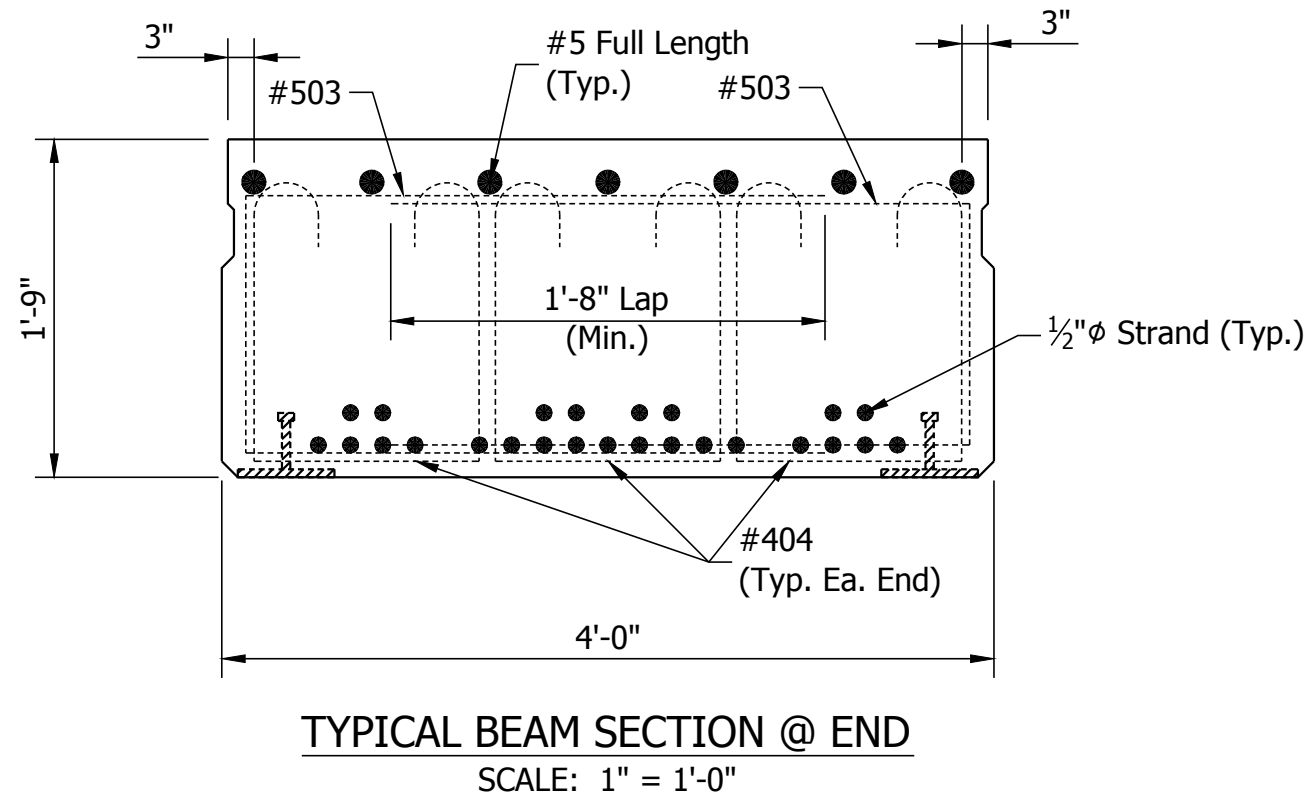
HAMILTON COUNTY
HIGHWAY DEPARTMENT

FRAMING PLAN

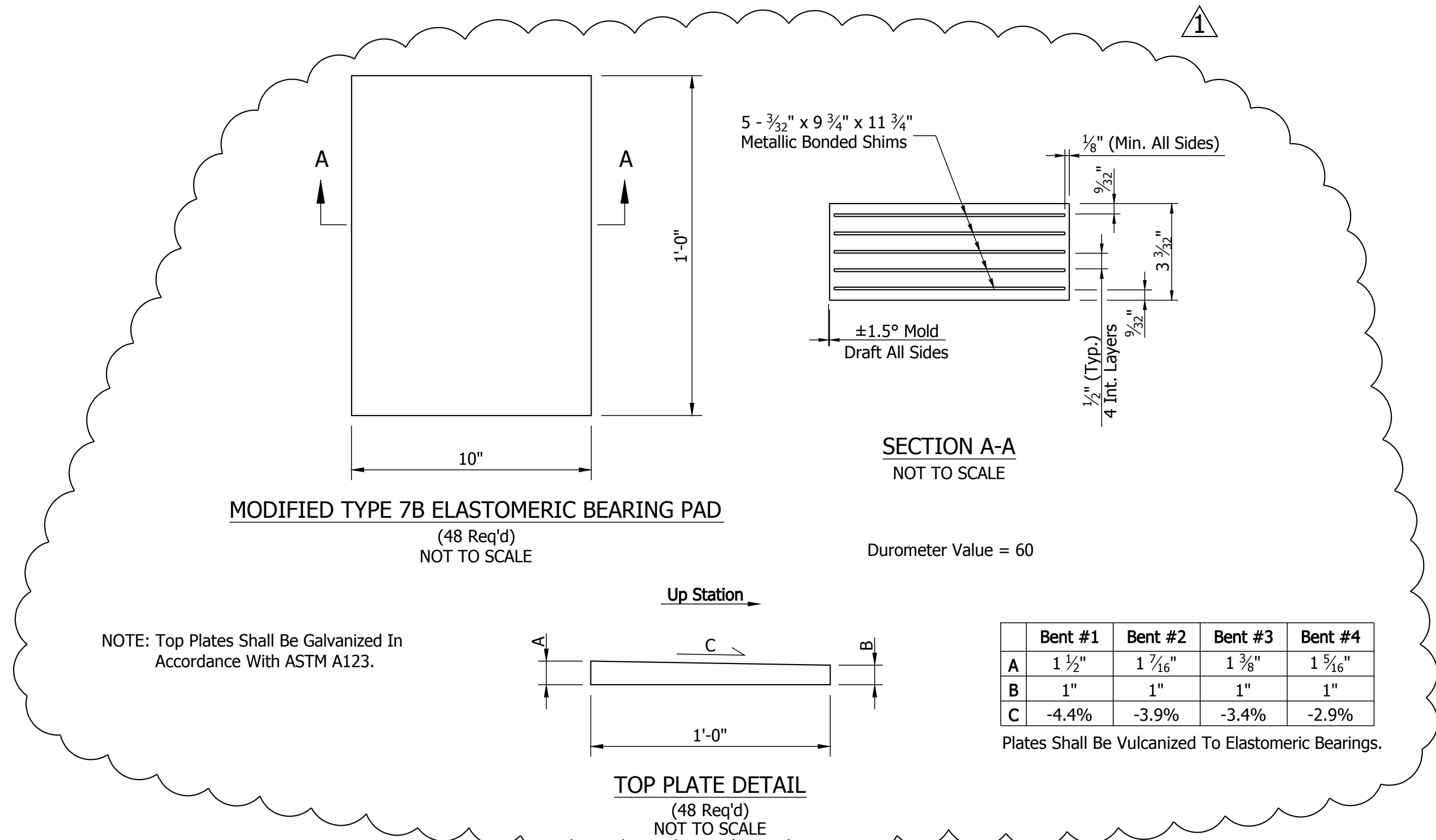
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3/16"=1'-0"	HAMILTON CO. BR. #35
VERTICAL SCALE	DESIGNATION
3/16"=1'-0"	----
SURVEY BOOK	SHEETS
CONTRACT	21 of 34
----	PROJECT
	PB-14-0012



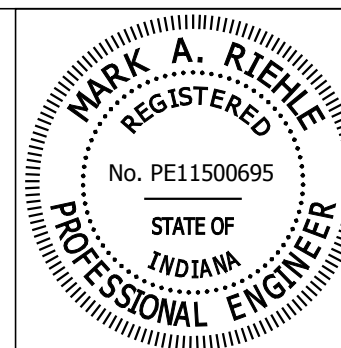
NOTE: For Beam Notes And Additional Details See Sheet 22.



NOTE: (25) 1/2" 7 Wire Special Lo-Lax Strands Spaced At 2".



Moved Elastomeric Bearing Pad Details & Added Top Plate Details



RECOMMENDED FOR APPROVAL	<i>Mark A. Riehl</i>	DESIGN ENGINEER	03/02/2016	DATE
DESIGNED:	MAR	DRAWN:	VCH	
CHECKED:	KJC	CHECKED:	MAR	

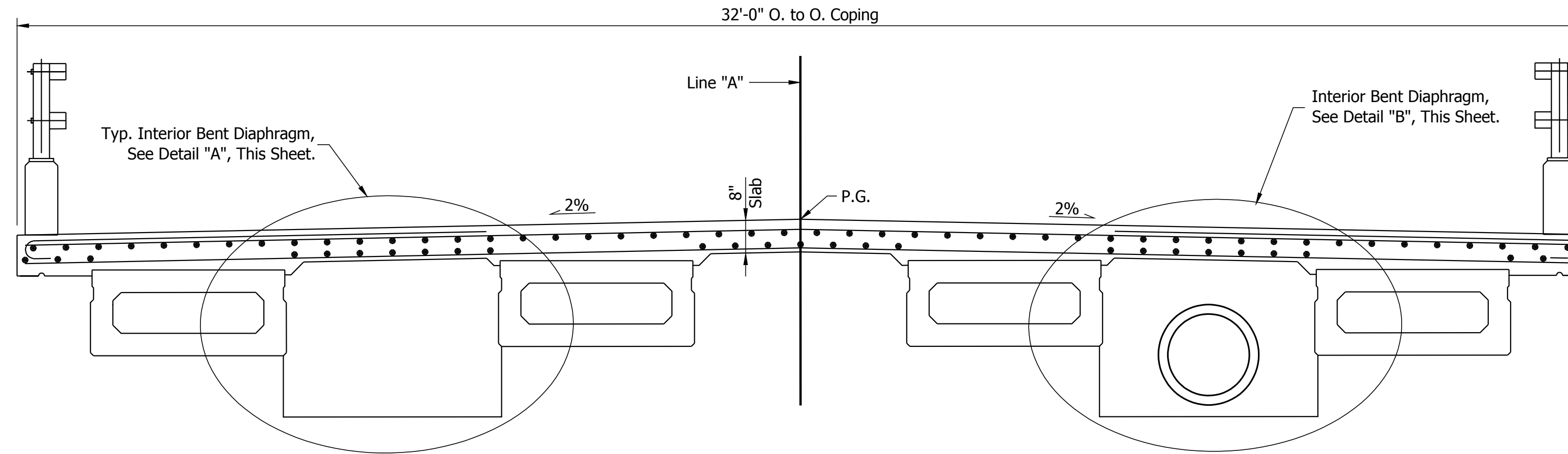
HAMILTON COUNTY
HIGHWAY DEPARTMENT

BEAM DETAILS
SPAN B

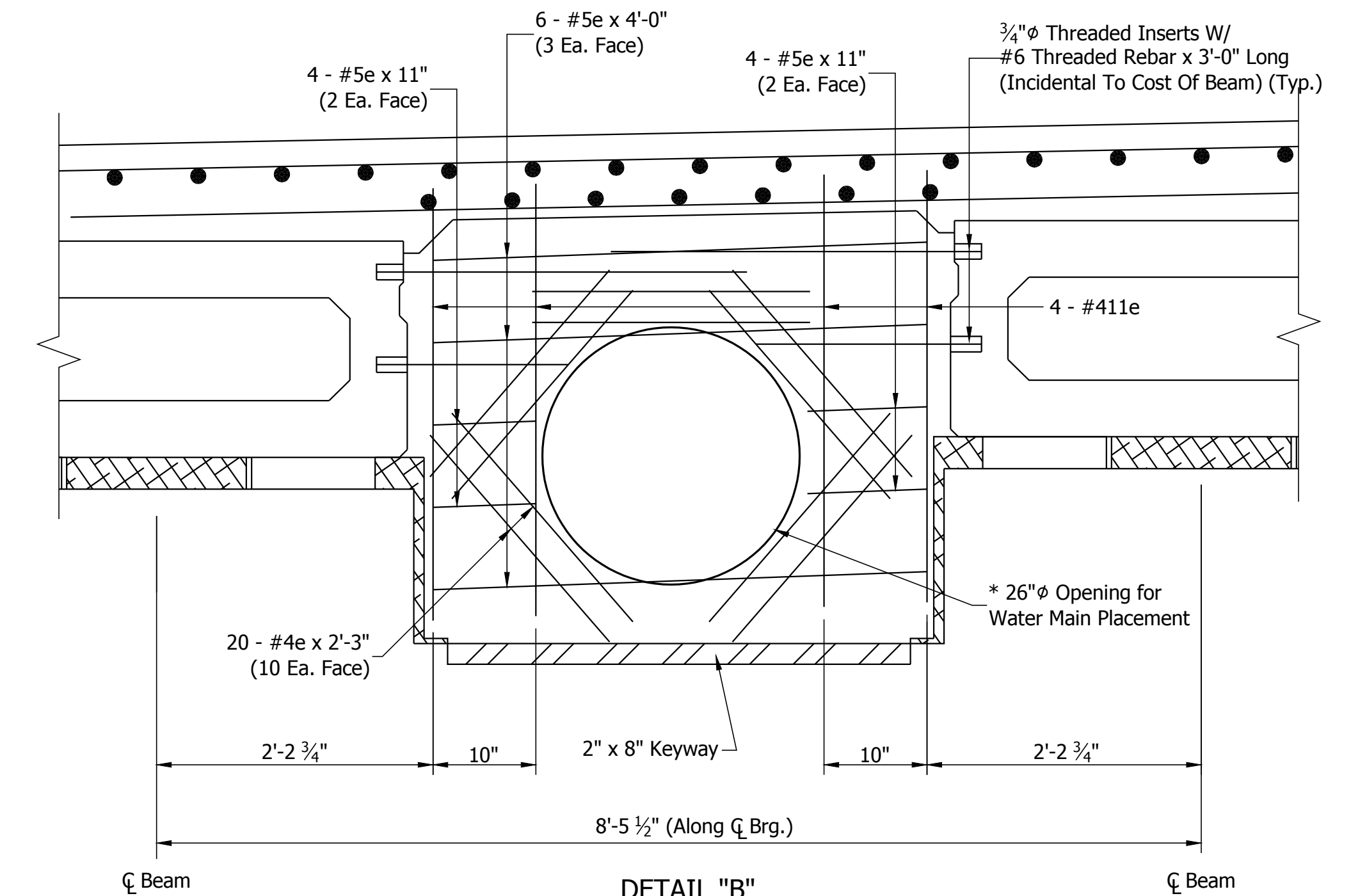
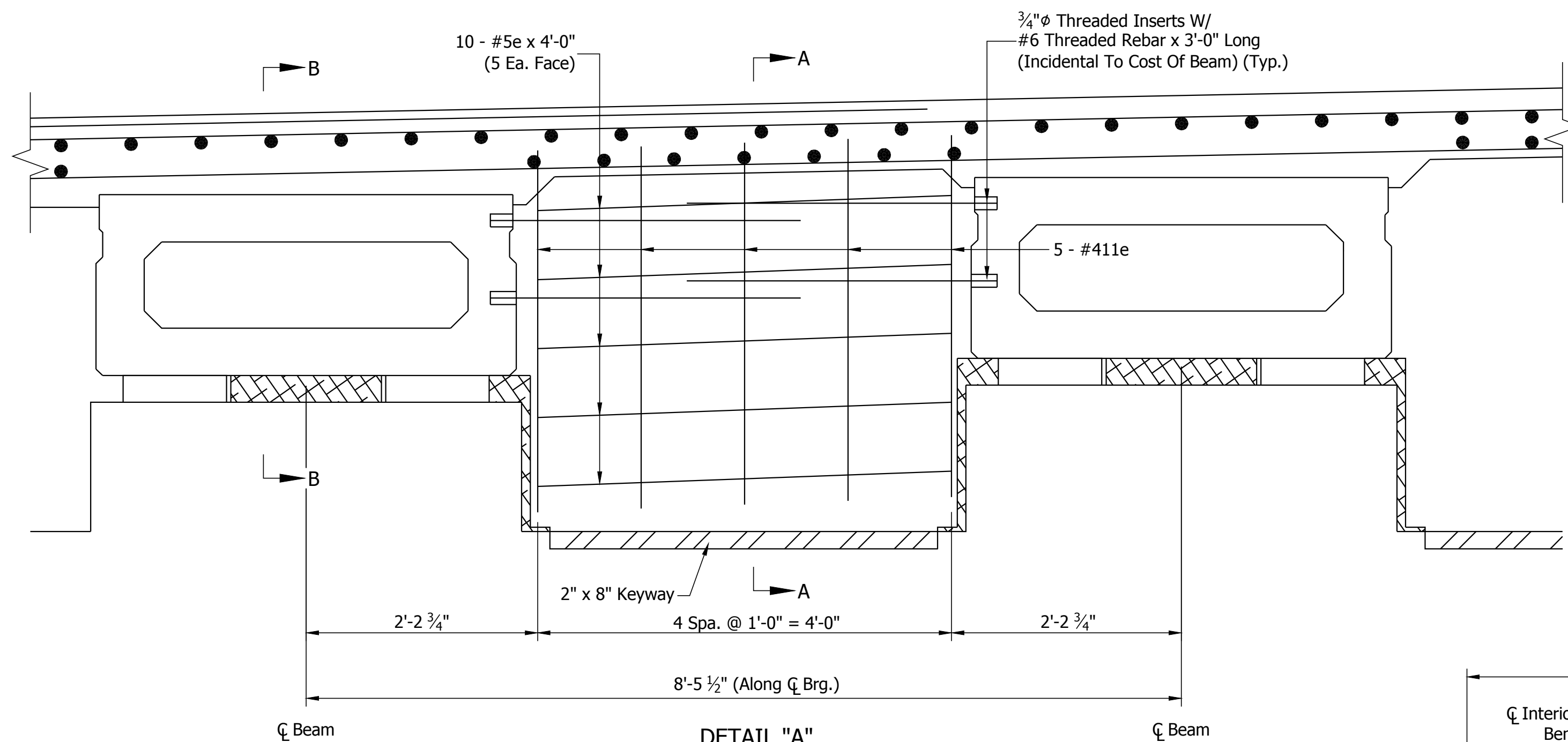
HORIZONTAL SCALE	BRIDGE FILE
AS SHOWN	HAMILTON CO. BR. #35
VERTICAL SCALE	DESIGNATION
AS SHOWN	----
SURVEY BOOK	SHEETS
CONTRACT	23 of 34
----	PROJECT
----	PB-14-0012

Drawn Apr 15, 2016, 2:14pm User Name: vchugh
File: S:\215-0039\bridge\CAD\Plans\brn_cbs.dwg

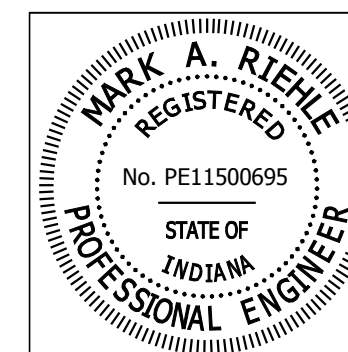
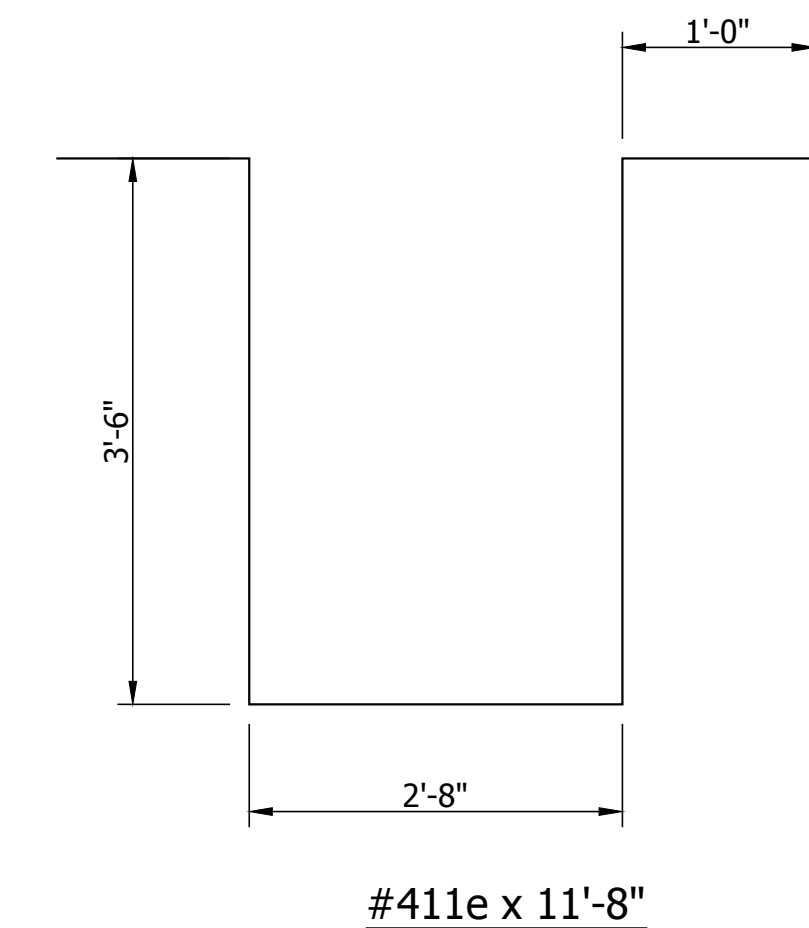
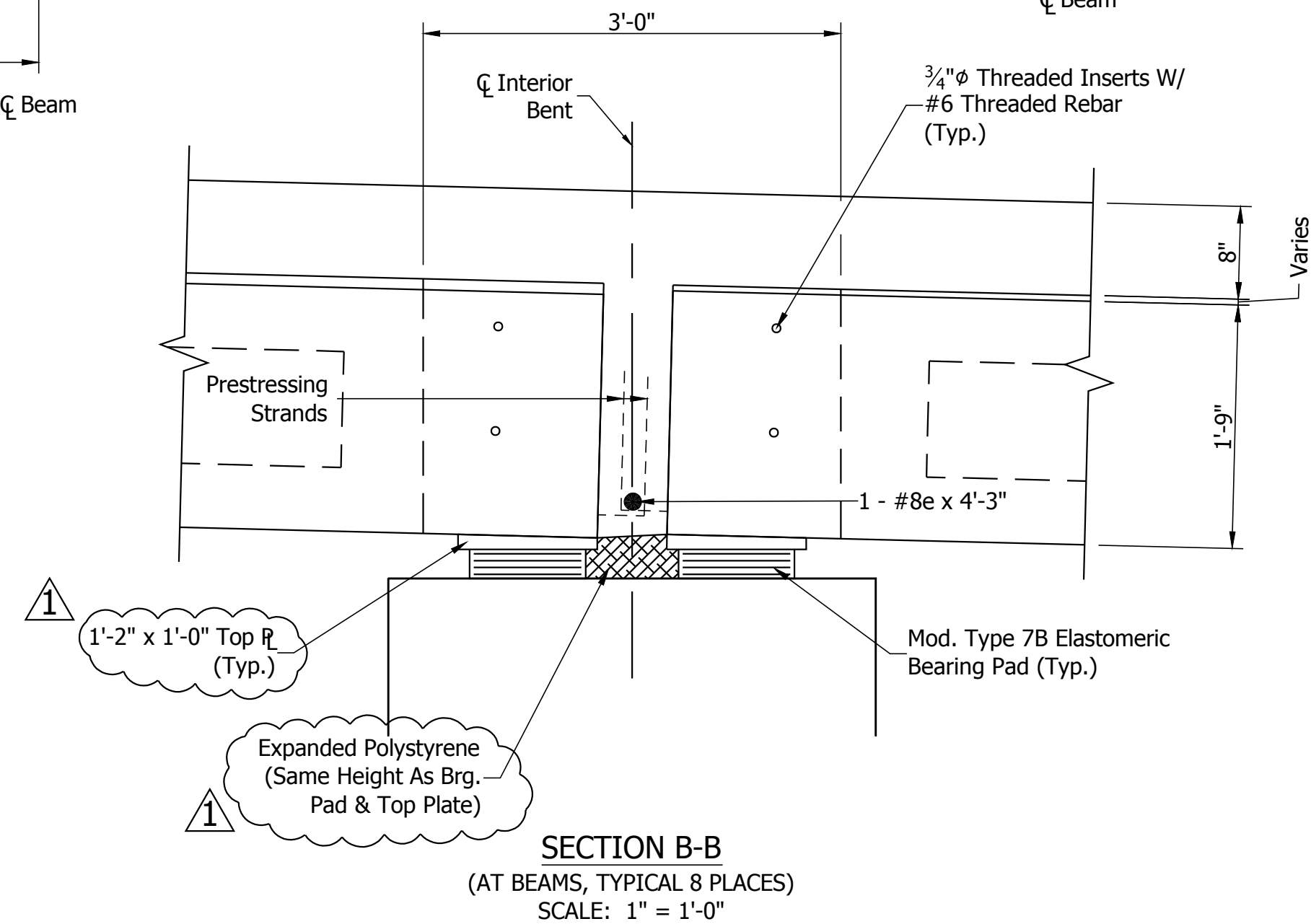
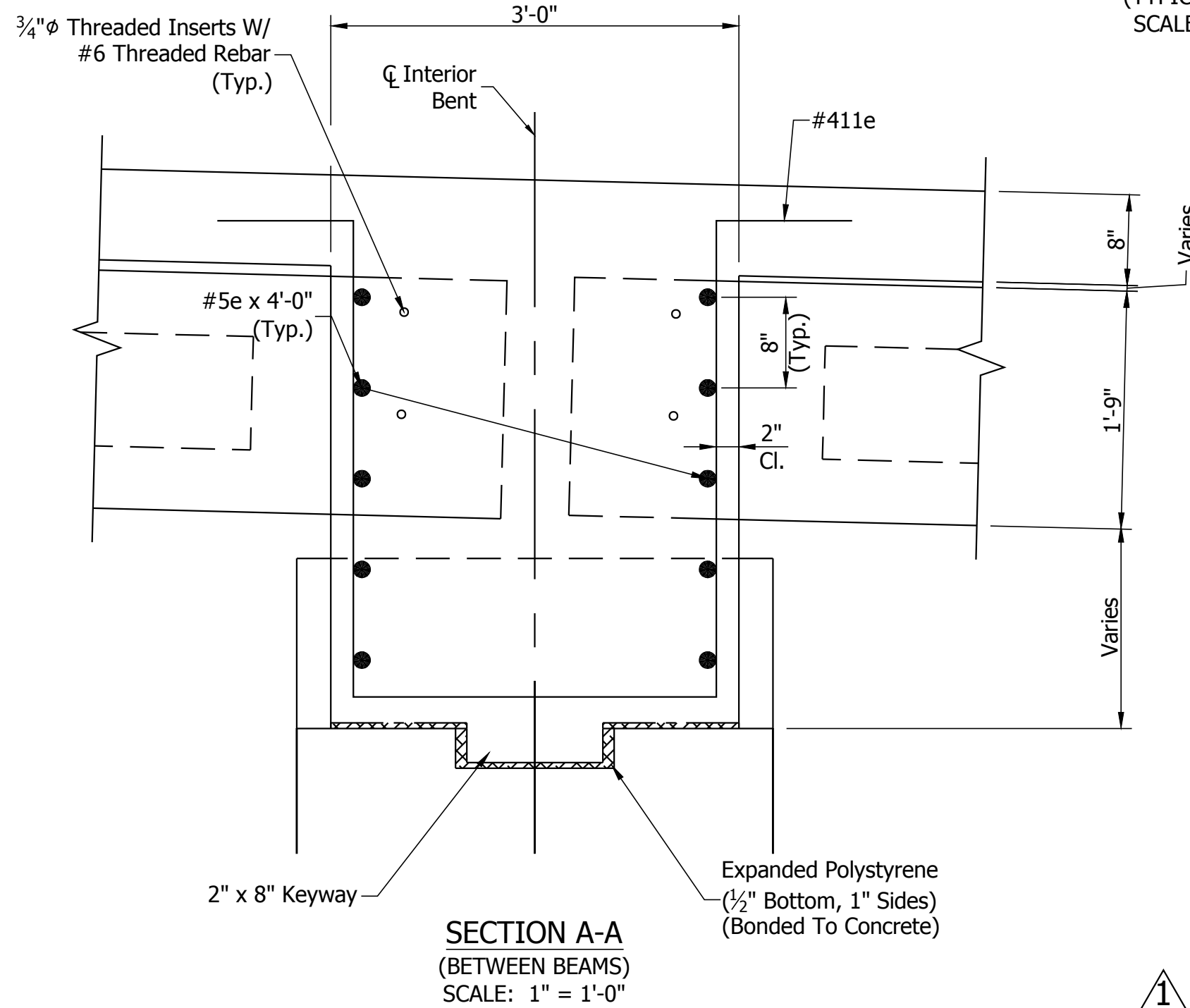
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File: S1215-0039106.dgn(CAD)PlantsEngineering



TYPICAL CROSS SECTION



* Reinforcing Around 26" Opening May Be Adjusted Or Cut As Necessary & Approved by the Engineer.



RECOMMENDED FOR APPROVAL	<i>Mark A. Riehl</i>	DESIGN ENGINEER	03/02/2016	DATE
DESIGNED:	MAR	DRAWN:	TAM	
CHECKED:	KJC	CHECKED:	MAR	

HAMILTON COUNTY
HIGHWAY DEPARTMENT

SUPERSTRUCTURE DETAILS

HORIZONTAL SCALE	BRIDGE FILE
1/2"=1'-0"	HAMILTON CO. BR. #35
VERTICAL SCALE	DESIGNATION
1/2"=1'-0"	----
SURVEY BOOK	SHEETS
CONTRACT	26 of 34
----	PROJECT
	PB-14-0012

⚠ Revised Section B-B Due To Adding Top Plate To Bearing

**ITEMIZED PROPOSAL
HAMILTON COUNTY BRIDGE NO. 35
W. 106TH STREET OVER WILLIAMS CREEK
PB-14-0012**

4/18/2016

SUBMITTED BY: _____
(Company Name)

(Mailing Address)

(City State Zip)

DATE: _____

LINE NO.	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
1	CONSTRUCTION ENGINEERING		1	LS		
2	MOBILIZATION AND DEMOBILIZATION		1	LS		
3	CLEARING RIGHT OF WAY		1	LS		
4	CURB AND GUTTER, REMOVE		75	LFT		
5	PRESENT STRUCTURE, REMOVE PORTIONS		1	LS		
6	EXCAVATION, COMMON		170	CYS		
7	EXCAVATION, WATERWAY		114	CYS		
8	SEDIMENT, REMOVE		5	CYS		
9	TEMPORARY INLET PROTECTION		2	EACH		
10	TEMPORARY MULCH		1	TON		
11	TEMPORARY SILT FENCE		535	LFT		
12	NO. 2 STONE		100	TON		
13	TEMPORARY FILTER BERM		100	LFT		
14	TEMPORARY MULCH STABILIZATION, TYPE A		520	SYS		
15	TEMPORARY SEED MIXTURE		33	LBS		
16	SUBGRADE TREATMENT, TYPE IC		266	SYS		
17	AGGREGATE FOR END BENT BACKFILL		37	CYS		
18	COMPACTED AGGREGATE NO. 53 BASE		37	TON		
19	DENSE GRADED SUBBASE		26	CYS		
20	COMPACTED AGGREGATE NO. 53		86	TON		
21	WIDENING WITH HMA, TYPE B		74	TON		
22	MILLING, ASPHALT, 1 1/2 IN.		384	SYS		
23	JOINT ADHESIVE, SURFACE		399	LFT		
24	JOINT ADHESIVE, INTERMEDIATE		399	LFT		

**ITEMIZED PROPOSAL
HAMILTON COUNTY BRIDGE NO. 35
W. 106TH STREET OVER WILLIAMS CREEK
PB-14-0012**

4/18/2016

LINE NO.	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
25	LIQUID ASPHALT SEALANT		556	LFT		
26	HMA WEDGE AND LEVEL, TYPE B		86	TON		
27	ASPHALT FOR TACK COAT		716	SYS		
28	GUARDRAIL, TRANSITION, TYPE TGB		4	EACH		
29	GUARDRAIL, REMOVE		139	LFT		
30	GUARDRAIL, END TREATMENT, OS		4	EACH		
31	GUARDRAIL, W-BEAM, 6 FT 3 IN. SPACING		112.5	LFT		
32	CURB, CONCRETE B	MODIFIED	158	LFT		
33	REINFORCED CONCRETE BRIDGE APPROACH, 12 IN.		160	SYS		
34	RIGHT-OF-WAY MARKER		7	EACH		
35	BENCHMARK		1	EACH		
36	GEOTEXTILES		275	SYS		
37	RIPRAP, REVETMENT		124	TON		
38	MOBILIZATION AND DEMOBILIZATION FOR SEEDING		2	EACH		
39	EROSION CONTROL BLANKET		560	SYS		
40	MULCHED SEEDING U		560	SYS		
41	SODDING		19	SYS		
42	PILE, STEEL H, REINFORCED CONCRETE ENCASED, HP 12 X 74		120	LFT		
43	PILE SHOE, HP 12 X 74		10	EACH		
44	PILE, STEEL H, HP 12 X 74		460	LFT		
45	CONCRETE, A, SUBSTRUCTURE		68.8	CYS		
46	REINFORCING BARS		3166	LBS		
47	REINFORCING BARS, EPOXY COATED		64890	LBS		
48	THREADED TIE BAR ASSEMBLY, EPOXY COATED		64	EACH		
49	CONCRETE, C, SUPERSTRUCTURE		149.8	CYS		
50	CONCRETE BRIDGE RAILING TRANSITION, TPF-2		4	EACH		
51	RAILING, STEEL PF-2		286	LFT		
52	RAILING, CONCRETE PF-2		12.4	CYS		
53	STRUCTURAL MEMBER, CONCRETE, BOX BEAM, 21 IN. X 48 IN.		525	LFT		
54	SURFACE SEAL		1	LS		
55	UTILITY HANGER BEAMS		1	LS		
56	PIPE, END BENT DRAIN, 6 IN.		92	LFT		
57	ROAD CLOSURE SIGN ASSEMBLY		3	EACH		

**ITEMIZED PROPOSAL
HAMILTON COUNTY BRIDGE NO. 35
W. 106TH STREET OVER WILLIAMS CREEK
PB-14-0012**

4/18/2016

LINE NO.	DESCRIPTION	SUPPLEMENTAL DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT
58	DETOUR ROUTE MARKER ASSEMBLY		16	EACH		
59	CONSTRUCTION SIGN, A		8	EACH		
60	MAINTAINING TRAFFIC		1	LS		
61	BARRICADE, III-A		48	LFT		
62	BARRICADE, III-B		12	LFT		
63	SIGN POST, SQUARE TYPE 1 REINFORCED ANCHOR BASE		15	LFT		
64	SIGN, SHEET, AND SUPPORTS, REMOVE		1	EACH		
65	SIGN, SHEET, WITH LEGEND, 0.080 IN.		11	SFT		
66	LINE, THERMOPLASTIC, SOLID, WHITE, 4 IN.		401	LFT		
67	LINE, MULTI-COMPONENT, SOLID, WHITE, 4 IN.		362	LFT		
68	LINE, MULTI-COMPONENT, SOLID, YELLOW, 4 IN.		362	LFT		
69	LINE, THERMOPLASTIC, SOLID, YELLOW, 4 IN.		318	LFT		

TOTAL BID AMOUNT

\$

(in writing)

Dollars.

BID CONSIDERATIONS

Bidder acknowledges, warrants, represents and agrees with all of the following:

That the Contractor is solely responsible to provide sufficient materials, equipment and effort to complete the Work.

That if conflict exists between these specifications and the specifications or standards of the County, State or Federal agencies, the County, State or Federal standards shall apply.